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ESTAB. 1859

REGISTERED AS A NEWSPAPER

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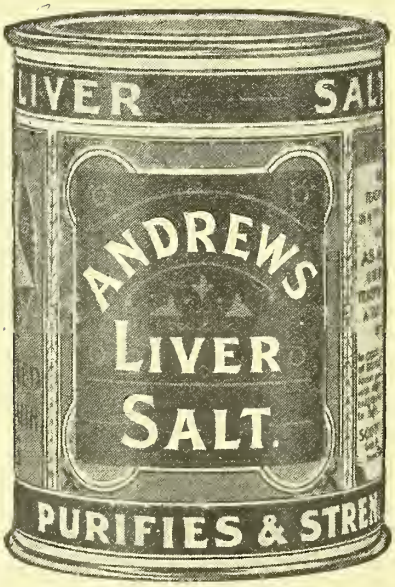
A A

Andrews Winter Bonus

The ANDREWS special Winter Bonus Offer ends on November 17th. If you have not yet received particulars please apply to your wholesaler or to the address below.

The Bonus is available to those who co-operate by giving displays to link up with the special winter advertising campaign, which will be on more extensive lines than ever.

The sale of ANDREWS in winter increases with each year. The public are appreciating more and more that it is beneficial to take ANDREWS all the year round, winter and summer alike.



See that you get your share of this increased winter trade.

SCOTT & TURNER, Ltd.
GALLOWGATE,
NEWCASTLE-ON-TYNE

GET YOUR SHARE OF INCREASED SALES

A Supply of leaflets will be sent on request

FREE
to users of

WRIGHT'S COAL TAR SOAP

The Proprietors of Wright's Coal Tar Soap offer the following prizes to be awarded in order, to the **FIRST** 44 CORRECT REPLIES to the Crossword Puzzle OPENED **AFTER** THE CLOSING DATE.

FIRST PRIZE for 1st correct reply opened on Dec. 18th, 1928.

MORRIS OXFORD *value* **£250**

4 DOOR SALOON CAR 14/28 H.P. Four wheel brakes, upholstered in real leather, full equipment, ready for the road. Taxed and insured to end of 1929.

SECOND PRIZE for 2nd correct reply opened on Dec. 18th, 1928.

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MULLINER FABRIC SALOON Fully equipped, ready for the road. Taxed and insured to end of 1929.

In the event of the cars being won by foreign or colonial competitors they will be insured, packed and put on steamer free of charge.

12 *Prizes of* **£5** *each*
10 *Prizes of* **£2** *each*
20 *Prizes of* **£1** *each*

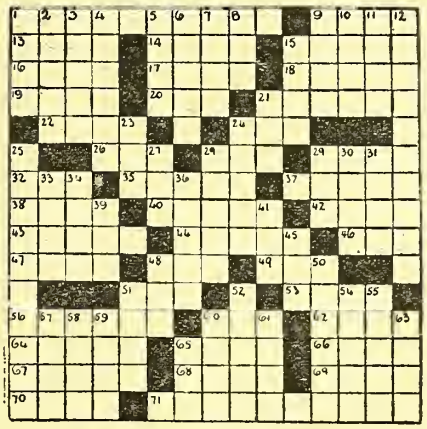
Solutions must be accompanied by 3 outside printed wrappers from tablets of Wright's Coal Tar Soap. No other enclosure to be inserted in envelope which must be marked "Crosswords," Wright's Coal Tar Soap, 44/50 Southwark Street, London, S.E. 1 to reach this address not later than Dec. 17th, 1928. It is suggested to Colonial readers to forward their replies as quickly as possible, and to see that they are properly franked for postage.

In all cases the decision of the Proprietors of Wright's Coal Tar Soap must be accepted as final and NO CORRESPONDENCE CAN BE ENTERTAINED. Results will be announced in "The Daily Mail," Dec. 22nd and "The Sunday Chronicle," Dec. 23rd.

CLUES

Across

1 Infectious disease, warded off by W.C.T.S. 9 Part of the verb to be. 13. Feminine name. 14. Portend. 15. Ointment (Use Wright's Coal Tar). 16. Close. 17. Plunder. 18. Possession. 19. Entrance. 20. Measure. 21 Fittest. 22. Cosy home. 24. From. 26. Apex. 28. Mother. 29. Wash (Do this with Wright's Coal Tar Soap). 32. Edge. 35. With soap creates 56 across. 37 Stop. 38. Sharp. 40. Designated. 42. Feminine name. 43. Not so cold as 33 down. 44. Attitudes. 46. Affirmative. 47. Paradise. 48. Number. 49. Modern. 51. Spoil. 53. Wiles. 56. Wright's Coal Tar Soap gives a good one. 60. Watering-place. 62. Flower. 64. Tapestry. 65. Related. 66. Departed. 67. Chairs. 68. Removed by Wright's Coal Tar Soap. 69. Great. 70. States. 71. Corrects dislocations.



Down

1 Ballad. 2 Use Wright's Coal Tar Soap and be this. 3. Precious stone. 4 Scarcest. 5. Powerful. 6. Implements. 7 An Image. 8 Mesh. 9. Inner Bark. 10. Otherwise. 11 Evenings. 12. Skin trouble relieved by Wright's Coal Tar Ointment. 15. On a tablet of Wright's Coal Tar Soap. 21. Limb. 23. Pull. 24. Passengers. 25 Used for mirrors. 27. Utensil. 28. Imp. 29. Shelter. 30. Skilfully 31 Valley 33. Made very cold. 34. Tube. 36. Become Slenderer 39. Noise. 41 Lair. 45. Much water here. 48. Product of Coal. 50. Provides the best soap. 51 Confusion. 52. Part of a church 54. Fish 55. Burn. 57. Surface. 58 Waiter. 59 Headgear 60 Cleansed by Wright's Coal Tar Soap 61. Emmets. 63. Prophet. 65. Fuss.

In submitting this solution I agree to all the conditions enumerated above.

NAME AND ADDRESS SHOULD BE WRITTEN HERE IN PLAIN BLOCK LETTERS .....

.....

.....

Be sure to mark your envelope "Crosswords."

A Big Press Campaign is now in full Swing

A customer writes "I am selling your Soap at double speed"

WRIGHT, LAYMAN & UMNEY, Ltd.

SOUTHWARK, LONDON, S.E.1

NATIONAL HEALTH INSURANCE DRESSINGS

B.P.C. JULY, 1925, STANDARD.

BANDAGES.

Calico, bleached,

	4 yd. × 2 in.	2½ in.	3 in.
per gross	21/3	25/6	29/6

Calico, unbleached,

per gross	19/9	23/9	28/–

Crepe, 33⅓% Wool,

	2½/2¾ yd. × 2 in.	2½ in.	3 in.
per dozen	5/9	7/3	8/6

	6 yd. × 2½ in.	3 in.
Domette, per dozen	7/6	8/9

	4 yd. × 2½ in.	6 yd. × 3 in.
Flannel, per doz.	8/6	14/6

Open Wove, White — Per gross.

3 yards × 1 in.	5/3
4 ,, × 1½ in.	9/9
4 ,, × 2 in.	12/6
4 ,, × 2½ in.	15/4
4 ,, × 3 in.	18/3
6 ,, × 4 in.	34/6
6 ,, × 6 in.	51/6

	5 yd. × 3 in.	4 in.
Plaster of Paris, per doz.	14/–	16/6
Triangular, plain, per doz.	..	3/3

BORIC LINT.

	1 oz.	2 oz.	3 oz.	4 oz.	6 oz.	8 oz.	1 lb.
per doz.	1/7	2/9	4/-	5/-	7/6	9/9	18/6

BORIC WOOL.

	1 oz.	2 oz.	4 oz.
per doz.	1/11	3/6	6/9

COTTON WOOL.

	½ oz.	1 oz.	2 oz.	3 oz.	4 oz.	6 oz.	8 oz.	1 lb.
per doz.	–/11	1/6	2/8	3/9	4/9	7/–	9/3	17/6

GAUZE TISSUE.

	1 oz.	2 oz.	4 oz.	8 oz.	1 lb.
per doz. ..	1/9	3/3	6/–	11/6	22/6

GUTTA PERCHA TISSUE.

square foot, per doz.	2/6

JACONET.

square foot, per doz.	3/3

LINT. Unmedicated.

	1 oz.	2 oz.	3 oz.	4 oz.	6 oz.	8 oz.	1 lb.
per doz.	1/10	3/5	4/10	6/4	9/6	12/6	23/6

OILED CAMBRIC.

square foot, per doz.	3/6

OILED PAPER.

20 × 30 in., per dozen	–/9

OILED SILK. Green.

square foot, per doz.	5/6

STANDARD DRESSINGS.

	No. 1	No. 2
per gross	27/–	42/–

SUSPENSORY BANDAGES.

per doz.	8/6

TOW.

	½ lb.	1 lb.
Plain, per dozen	3/9	7/–
Carbolised	5/–	9/9

GAUZES.

	Per dozen packets. 6 yards.	3 yards.	1 yard.	½ yard.	¼ yard.
Unmedicated	8/6	4/9	1/9	1/1	8d.
Boric, 10%—15% .. .. }	10/–	5/6	2/–	1/2	8d.
Carbolic, 5%—6% .. .. }					
Double Cyanide, 2%—3%	10/9	5/9	2/2	1/2½	8d.
Iodoform, 4%—5% .. .. }	14/–	7/6	2/9	1/7	10d.
Picric, 1½%—2% .. .. }					
Sal Alembroth, ¾%—1% .. .. }	10/–	5/6	2/–	1/2	8d.
Sublimate, 1%—15% .. .. }					

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MANCHESTER.

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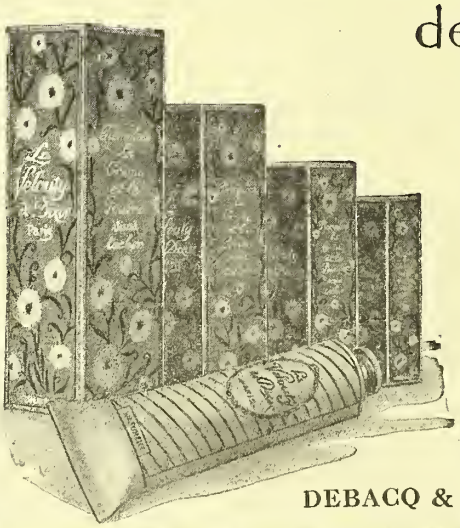
the original combined Cream and Powder

la VELOUTY

de DIXOR Paris



The advertised line that you are asked for.

NOW ON P.A.T.A.

Samples free upon receipt of trade card or billhead.

PRICES :—Full size pot	21/-	doz.	RETAIL	2/9
Super tube	22/-	,,	,,	3/-
Large tube	14/-	,,	,,	2/-
Medium tube	7/-	,,	,,	1/-
Handbag tube	3/-	,,	,,	6d.

Made in four shades :

WHITE, IVORY, NATURAL and OCHRE.

Obtainable from your regular Wholesaler or direct from the Sole British Agents:

DEBACQ & HARROP, 68 Newman St., Oxford St., London, W.1

CUPAL NEWS

NOVEMBER 3, 1928

JUST ONE DISPLAY OF

Bronal

"THE LINE WITH THE PERMANENT SALE."

This Sales-compelling display features a thoroughly efficacious Mixture for which it has been proved a definite demand can be created irrespective of the Cough Mixtures selling at present.

Retail	1/3	..	2/3
Wholesale	10/-	..	18/-

Less 10% 28 *days.*

Bonus, 13 doz. to 1 gross.

In addition, Special 2 doz. 1/3 Bonus to 1 gross ordered on first orders ONLY.

ORDER NOW

It's just the line you want.

Manufacturing Chemists,

CUPAL LTD Blackburn

They come back to

MARSHOL

When a disinfectant is needed in the home to kill disease germs, for personal hygiene or for any other purpose, your customers want *Marshol Disinfectant*, the safe, certain antiseptic. They do not experiment for long with cheaper and comparatively unknown brands for these vital uses.

Remind them that you have *Marshol*, drop us a post card, and display material will reach you promptly.

MARSHOL REGD TRADE MARK

MARSHALL'S LYSOL

Our travellers have an interesting proposition for you in the new contract discounts.

BEECHAMS PILLS LIMITED

Chester Road Selling Agents for Manchester

LYSOL LTD.

GREAT "LARGE SPACE" NEW ADVERTISING CAMPAIGN HAS NOW DEFINITELY COMMENCED

THE first advertisements in this new series have proved a great and instantaneous success—very many of the public having taken the trouble to write and ask where they can obtain New Mix.

BIG SPACES APPEARING REGULARLY

All advertisements occupy a space of 11 inches deep by 6¾ inches wide, and these large space advertisements will be appearing regularly every week.

Take advantage NOW of this Big National Advertising Campaign. The public are ready and willing to buy New Mix. It only remains for you to show that you can supply their demand.

In Two Sizes - **1/6 & 2/-**

GILMONT PRODUCTS, Ltd.
35 CRUTCHED FRIARS, LONDON, E.C.3

The following are some of the papers in which New Mix Advertising is appearing regularly.

Daily Mail, Daily Express, Daily News, Evening News, Evening Standard, Daily Mirror, Daily Sketch, Daily Dispatch (Manchester), Belfast Evening Telegraph, Belfast News Letter, Irish Daily Independent, Irish Weekly Independent, Irish Daily Times, Dublin Evening Herald, Cork Evening Echo, Cork Daily Examiner, Aberdeen Evening Express, Edinburgh Evening News, Glasgow Daily Record, Dundee Daily News, John Bull, etc., etc.

"Just a minute, my dear—

I want to weigh myself"

Every time your customers say this
YOU ADD TO YOUR INCOME!
and before long it is
ALL NETT PROFIT
because the machine requires

NO PERSONAL ATTENTION
NO SALESMEN
NO UPKEEP COSTS

and it carries the
AVERY
FREE MAINTENANCE SERVICE

Placed in a good position, it will more than earn the monthly payments.

WRITE AND ASK FOR FURTHER INFORMATION ABOUT THE A676
AVERY PERSON WEIGHER

AVERY

W. & T. AVERY, Ltd. (Coinfreed Department) SOHO FOUNDRY, BIRMINGHAM

Maw's Page

When it is cold and wet

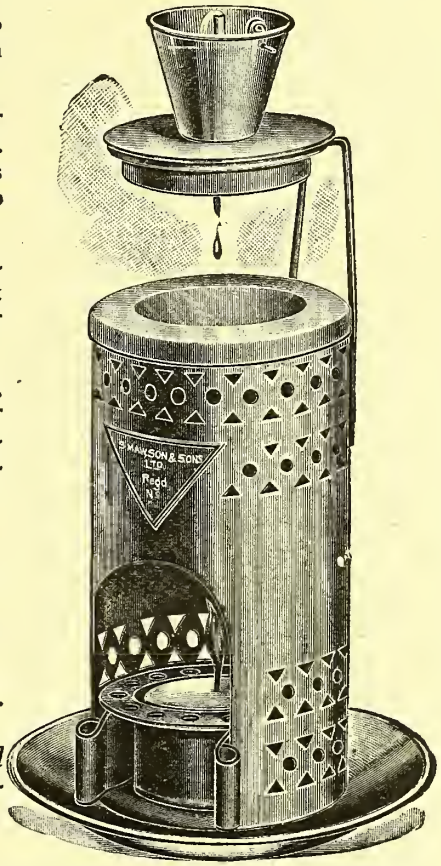
When the weather is cold and wet and miserable; when the east wind chills you to the bone; when customers' umbrellas make ugly pools on your pharmacy floor and every time the door opens the showcards blow all over the shop—that is the sort of day to sell Maw's Drip-Feed Lamp.

And you don't have to go to a lot of trouble to do it. If you go the right way about it, you can make Maw's Drip-Feed Lamp sell itself.

This is the right way: Send us a trial order for the Drip-Feed Lamp and Aero-Cotarol Vaporant. With your order a free demonstration lamp is supplied. Put it on your counter and set it to work.

It will fill the air with the clean, soothing, antiseptic vapour of Aero-Cotarol. It will attract attention to itself. It will convince the customer of its efficiency. It will clinch the sale.

And remember, in addition to immediate profits, you start a steady stream of repeat orders for Aero-Cotarol Vaporant when you sell a Drip-Feed Lamp. Moreover, you enhance your reputation and render your customer a service.



PRICES.

	Wholesale.	*Retail.*
Drip-Feed Lamp ..	20/- doz.	2/6 each
3 doz. lots	19/- „	
Aero-Cotarol—		
Large size	18/- „	2/3 bottle.
Small size	10/- „	1/3 „

Night Lights specially suitable for the Drip-Feed Lamp. In boxes of 6 .. per dozen boxes, 6/-

Maw's Drip-Feed Lamp is protected by Patents Nos. 234982/24 and 170463/20.

S. Maw, Son & Sons, Ltd.,
Aldersgate St., London,
and Barnet.

TRADE MARK

De Luxe

ART. SILK Bandages & Binders

WASHABLE and DOUBLE STRETCH

Made of High-Class Artificial Silk, Wool and Cotton

LIGHTER — MORE HYGIENIC — MORE COMFORTABLE
AND VERY ELASTIC

"Crêpsyl" (WOVEN CRÊPE) AND "Silvick" (WOVEN STOCKINETTE)

Both materials in cream and flesh and at same prices.

BANDAGE widths from 2 inch to 4 inch. Prices from 2/- to 4/- each
BINDER widths from 4 inch to 15 inch. Prices 4/- to 15/- each

(All binders reinforced to prevent sagging) ENQUIRIES AND SAMPLE CUTTINGS FROM THE MAKERS

H. W. LAKE Ltd., 6 & 7 C.D. Redcross St., London, E.C.1

SUPPLIES FROM USUAL WHOLESALERS

A SENSATIONAL ACHIEVEMENT

VITREO-COLLOID

BOTTLE CAPPING SOLUTION

Here is an entirely new material for bottle capping for mass production or in a small way. Although only recently introduced it has an extraordinary popularity amongst keen and progressive firms.

It is British throughout and is sold in 1-lb. tins or quoted in quantities.

YOU CAN SAVE MONEY AND DO IT BETTER WITH

VITREO-COLLOID BOTTLE CAPPING

Because :

1. It is the cheapest and most effective method.
2. It is non-inflammable in its dry state, staple, inert and hygienic.
3. It dries within 10 minutes.
4. It gives a fine finish and in various colours.
5. It is greaseproof and hermetically seals indefinitely.
6. Its surface repels dirt and preserves bright clean appearance.

Obtainable from all WHOLESALERS. Also Sole Selling Agents:

S. MURRAY & CO., LTD.

Record House, Farringdon Road, LONDON, E.C.1

Phone: Holborn 0717 & 0718. 'Grams: "Depressors, Smith, London."

Upon receipt of p.c. our demonstrator will call upon you

VITREO-COLLOID TRANSPARENT WRAPPING

To Soap Manufacturers, Perfumers, etc. Make a note—new Factory now in progress. Enquiries during SPRING 1929 will be promptly attended to.

JOHN M. NEWTON
VITREO - COLLOID, LTD.

Kingsbury House,
King Street, London, S.W.1

V.P.

"John Bull" VITAMIN MALT

CONTAINS
2,000 Units Vitamin A
1,000 Units Vitamin D
per ounce and is
RICH IN VITAMIN B.

EVERY BATCH IS TESTED CHEMICALLY AND BIOLOGICALLY AND THE A, B & D VITAMIN CONTENT IS REGULAR AND GUARANTEED.

"John Bull" MALT EXTRACT

and Malt Extract and Cod Liver Oil

are made by a special process which entirely

Eliminates Crystallization.

Wholesale and Export Enquiries Invited.

PAINE & CO., LTD.

"JOHN BULL" Malt Extract Works

ST. NEOTS - HUNTS

MERCHANTS & TRADE BUYERS MUST VISIT THE

BRITISH INDUSTRIES FAIR 1929

THE largest and most important exhibition of British products ever held. Goods will be sold to Trade Buyers only. Apply to addresses below *now* for Free Ticket entitling holder to return fare on any train at reduced prices.

THE DEPARTMENT OF OVERSEAS TRADE, 35, OLD QUEEN STREET, LONDON, S.W.1.
THE SECRETARY, CHAMBER OF COMMERCE, BIRMINGHAM.

C.F.H.

Attractive Displays will increase your Sales

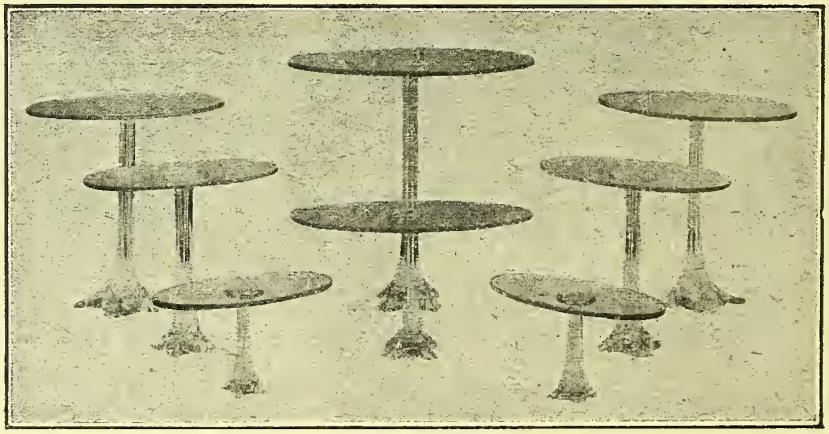


Plate Glass Counters and Show Cases in Stock.

Prices on Application

No. CD 2200

This attractive All Glass Unit comprises :—2 each 4", 8" and 10", and 1 each 6" and 12" Glass Pedestals; 2 each 8"×4", 9"×5" and 10"×6", 1 each 11"×5" and 12"×8" Plate Glass Oval Shelves.

Price complete (carriage forward single sets, carriage paid London area 2 or more sets) 21/-

Write or call for Illustrated Catalogue C9 to Display Fittings Dept., 32/34 Old Street, London, E.C.1.

HASKINS

DISPLAY DEPT.,
OLD STREET, LONDON, E.C.1
'Phone : Clerkenwell 3405/6.

Plate Glass Shelves of all sizes in stock.
A visit to our Show Rooms would be appreciated.

All enquiries promptly attended to.

Head Office and Works : **Walthamstow, London, E.17**
Manchester Showrooms : **1 New Brown Street**

Orders of £2 and upwards carriage paid London area.

WHAT THE PUBLIC WANTS

P·K·L is nationally known and enjoys a constantly expanding sale. As a counter-irritant it is without peer, and its immediate, almost magical, pain-killing ability is effected without rubbing an already inflamed or painful surface.

Our MONEY BACK GUARANTEE is enclosed with every bottle, and attracts new users. You are entitled to honour our coupon whenever called upon and we advertise the fact.

WHAT YOU GET

P.A.T.A. protection at 1/6 per bottle.

BONUS of 6 bottles with every order for 6 dozen —and pro-rata—in consideration of window space.

SHOWCARDS. Striking new season's colour showcard now ready.

WINDOW DISPLAY. AYRTON'S wonderful 2 figure plaster model (22" high, 19" wide), painted in natural colours, makes the most compelling Chemist's Window of the season. With its aid you dress the window in 5 minutes—and people stop even while you are doing it.

HANDBILLS, WINDOW BILLS, etc., with all orders.

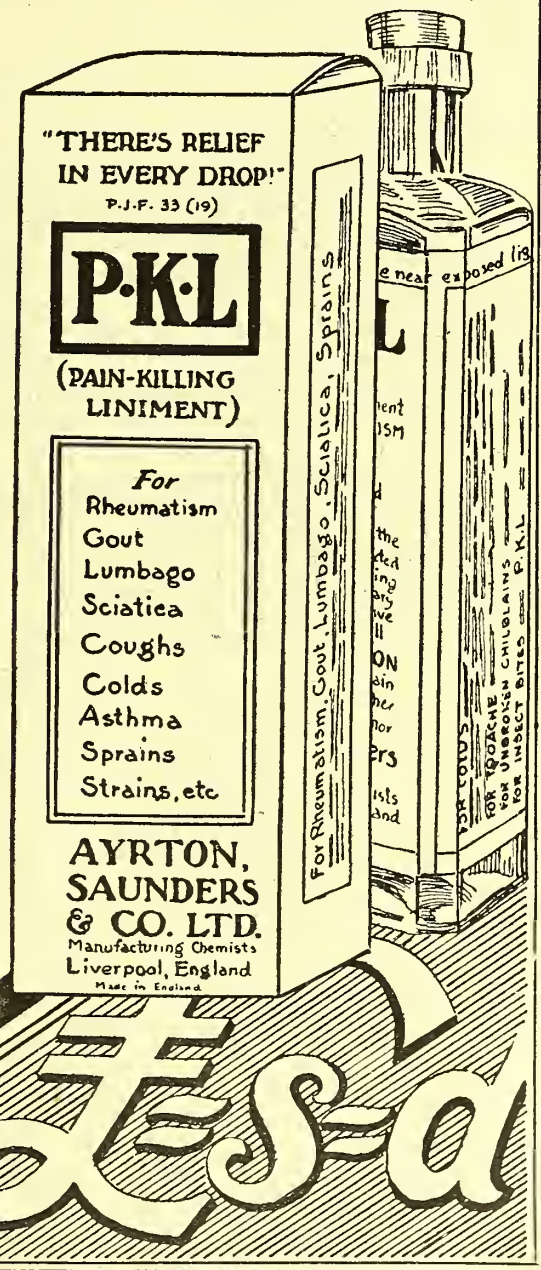
PROFIT. The profit on Cost is 62½% and usually is banked before the goods are paid for.

LIBERAL PROFIT WITH A QUICK TURNOVER

P.K.L. - per doz. 12/-

Bonus of 6 bottles with each order for six dozen, as consideration for window display.

AYRTON, SAUNDERS & CO., LTD.
34 Hanover St.,
LIVERPOOL.



"Victor" Rubber Sponges

MONEY saved is money made, and the economical reliable and hygienic Rubber Sponge is to-day increasingly superseding the costly natural sponge. Our "VICTOR" Rubber Sponge has for many years been acknowledged to be the ideal sponge, not only for toilet use, but also for washing down motor cars, saddlery and similar purposes.

Its special feature is the fine texture and smooth surface, a result achieved by special selection of the best quality durable rubber, and our own methods of technical control and manufacture.

British throughout

"For long service"

FOUR SIZES, OVAL AND ROUND.

Write for particulars, or order your requirements from your regular wholesaler.

We also specialise in:—

RUBBER SPONGE FLOORING, MATS, SHEETS, ETC.

The IOCO RUBBER & WATERPROOFING Co., Ltd.

Netherton Works, Anniesland, Glasgow, W.3.

Prompt Delivery Service Pays!

Customers appreciate it. A carrier cycle or a motor-cycle "package truck" reduces your delivery costs and also increases your radius of delivery 10 to 15 miles. Always at hand when wanted. No stable and very low upkeep costs. See the

Collective Exhibit of Commercial Vehicles

to meet every want of the wholesale and retail trade at

The International CYCLE AND MOTOR-CYCLE SHOW

Olympia London

Mon., Nov. 5 to Sat., Nov. 10

Admission: 10-6 2/- 6-10 1/-

EVERY CHEMIST IS INVITED TO SEND US THEIR ORDERS FOR

APEX SUN-RAY LAMPS

FOR ARTIFICIAL SUNLIGHT TREATMENT AT HOME.

They are a profitable selling line

EFFICIENT, SAFE, AND IN GOOD DEMAND

Nothing to deteriorate.
SELLS ON SIGHT.
Cannot overdose—connects to ordinary lamp socket.

Complete with Goggles, Carbons, and full instructions.

£6 6s.

Also Larger Model, **£15 15s.**

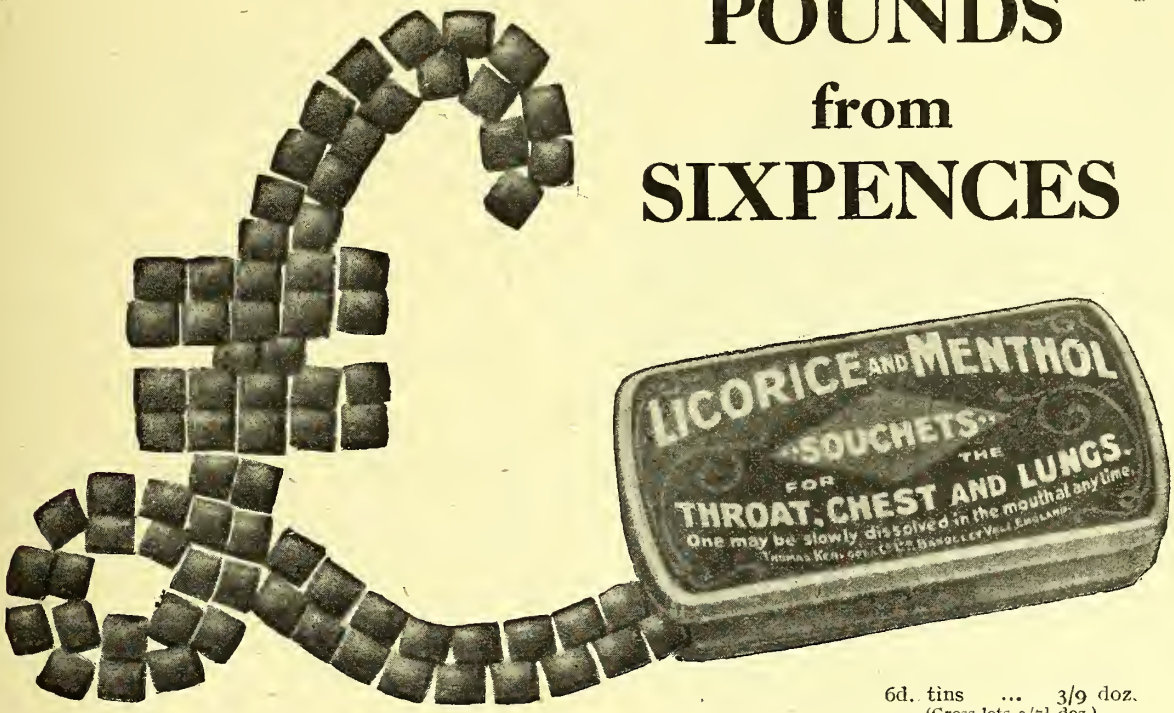
Numerous Testimonials. LIST FREE.

APEX SUN-RAY Ltd.

51-52 Fenchurch Street, London, E.C.3. Phone: Royal 4014.

119-125 Finsbury Pavement, London, E.C.2. Phone: Clerkenwell 3338.

POUNDS from SIXPENCES



6d. tins ... 3/9 doz.
(Gross lots 3/7½ doz.)
1/- tins ... 7/6 doz.
Bulk ... ... 4/6 lb.

"SOUCHETS"

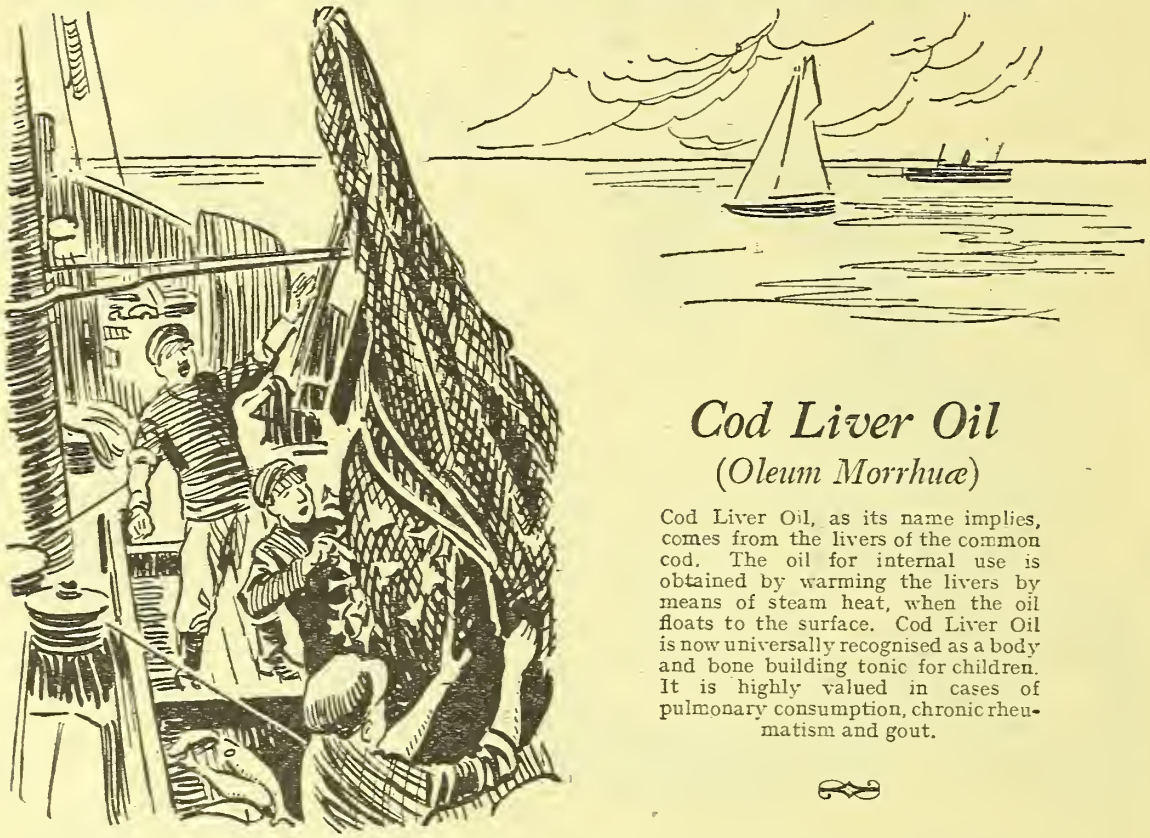
A DISPLAY outer of Licorice and Menthol "Souchets" on the counter earns many sixpences in the course of a wintry week—sixpences which soon mount up into pounds. "Souchets" meet a real Winter need with an article of outstanding quality. The more you display the more you will sell. In common with all Kerfoot preparations, "Souchets" combine a substantial profit margin to the Pharmacist, with the quality, reliability and good value to the public which ensure repeat sales and build up goodwill for the future.

To EXPORT BUYERS—All orders and enquiries should be addressed to our Sole Export Agents Wm. ALFRED JONES Ltd., West India House, Liverpool.

THOMAS KERFOOT & CO LTD
BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1
ESTABLISHED 1797

C/751

THE ROMANCE OF A CHEMIST'S SHOP—

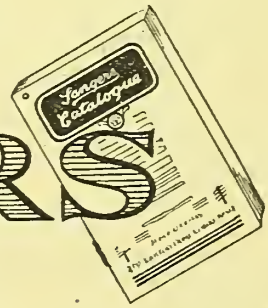


Cod Liver Oil

(Oleum Morrhuæ)

Cod Liver Oil, as its name implies, comes from the livers of the common cod. The oil for internal use is obtained by warming the livers by means of steam heat, when the oil floats to the surface. Cod Liver Oil is now universally recognised as a body and bone building tonic for children. It is highly valued in cases of pulmonary consumption, chronic rheumatism and gout.

FROM homely remedies to the latest drug of science—all these can be obtained from SANGERS, one of the oldest houses in the Trade. And not content only with being up-to-date in their stocks Sangers are up to the minute in their delivery of orders. When you are asked for an unusual proprietary article there is no need to appear nonplussed. Sangers will most likely hold stocks or will obtain it for you. By the way, have you got your copy of Sangers' Catalogue. If not—a post card will bring you one.



SANGERS

258 EUSTON ROAD - LONDON, N.W.1

Telephone - - - Museum 5440 (15 *lines*)
Telegrams - - - Pharsalia, Phone, London

£6 of ROBOLEINE for £5

Any chemist who undertakes to make a fortnight's window display of Roboleine and places an order for £5 net value (made up in any sizes) will receive an additional £1 worth free, together with a supply of samples, literature and display matter. The consignment will be sent carriage paid, in a free case.

Roboleine has no opposition to overcome. It has been on the market 22 years and has an established position with Doctors and with the public. And this winter it is being advertised as never before, in all the great national dailies, in the leading provincial newspapers and in a long list of Women's papers. 127,684,000 large advertisements will appear between the beginning of October and the end of April.

Roboleine is going to be a best-seller this winter. Now is the time to make sure and get a good share of the increased trade.

Roboleine

CONCENTRATED NOURISHMENT
IN EVERY SPOONFUL

* * *

OPPENHEIMER, SON & CO., LTD. 179, Queen Victoria Street, London, E.C.4

Take this *Punkt-Roller* business in hand!

The Punkt-Roller is more than an article which caters for the tremendous demand created by women aspiring to the attainment of a fashionable slimness—it is more than a "Toilet" article—it is a surgical appliance scientifically constructed as a substitute for hand massage. You will realise this when you handle your first Punkt-Roller—when you see its look of effectiveness and its many patented features.

Punkt-Roller sales are increasing and increasing—so is the advertising.

Fixed minimum retail prices, liberal trade discounts, further distinctive National advertising of this already actively selling line will make big business—Why not share in the profits, with excellent booklets and a "Helping Hand" to assist you?

The Standard Model, advertised at 25/- (costs you 18/9).

The Popular Model, advertised at 19/6 (costs you 14/7).

The Face Punkt-Roller advertised at 7/6 (costs you 5/7).

Your wholesaler can deliver promptly.
(25 per cent. profit on retail prices.)

Sole Wholesale Distributors—

Punkt Products Depôt

41 GREAT TOWER STREET
LONDON, E.C.3

Telephone: Royal 8738.

Telegrams: Punktrole, Phone, London.

DAY BY DAY
WEEK BY WEEK
AND MONTH BY MONTH

these large circulation magazines and papers are carrying Punkt-Roller advertisements with their "Regular Massage Treatment" and other logical arguments. Punkt-Roller advertising is successful because it advertises an efficient article. It is creating *business.*

NEWSPAPERS

Daily Mirror. Daily Mail. Referee.
Daily Express. Daily Chronicle.
Daily News. Sunday Pictorial.
World's Pictorial News. People.
Empire News. Sunday Dispatch.
Sunday Graphic. Sunday Express.

MAGAZINES

Hutchinson's Magazine. Home Chat.
Mabs Fashions. Windsor Magazine.
Weldon's Illustrated Dressmaker.
Weldon's Ladies' Journal. John Bull.
Weldon's Children's Fashions. Eve.
Woman's Journal. Nash's Magazine.
Good Housekeeping. Ideal Home.
Modern Woman. Strand Magazine.
Pearson's Magazine. Home Fashions.
Wide World Magazine. The Sketch.
Cassell's Magazine. Fashions For All.
Homes and Gardens. Home Notes.
Home Magazine. London Magazine.
Punch. Royal Magazine. Answers.
Woman and Home. Passing Show.
Lady's Companion. Grand Magazine.
Bystander. Woman. Tit Bits. Vogue.
My Weekly. Farm Field and Fireside.
Woman's Pictorial. Pearson's Weekly.
Town and Country Homes. Graphic.
Family Journal. Weekly Telegraph.
Humorist. The Lady. The Tatler.
Peg's Companion. Woman's Friend.
Health and Strength. Smallholder.
Picturegoer. The Sphere. New Health.
Illustrated Sporting & Dramatic News.

These striking original plaster cast models are indeed "Helping Hands." If the function of a display item is to rivet attention to a shop window, these are indeed the perfect display models. One will be sent to you free for every six Standard and/or Popular Models included in your first order.

POTTER & CLARKE

Manufacturing Chemists — Drug LIMITED Merchants

The Sign of The Winged Lion — Registered Trade Mark

Of proved efficacy!

Look to your stocks!

POTTER'S CATARRH PASTILLES are of outstanding merit, and the public confirm this statement. They are again being widely advertised to an ever-growing consumer population all over the world, and the demand is keen. There is good business and good profit for YOU in this line.

P.A.T.A. 1/3 11/- per doz.

In boxes of ½ Dozens.

Potter and Clarke Ltd.

'Phones: Bishopsgate. 4761, (5 LINES).

Grams: Horehound, 'Phone, London.

60-64 ARTILLERY LANE, LONDON, E.1.

MANCHESTER: 24 Luna St., Gt. ANCOATS.

The remarkable increase in the sales of Moorland Heart Shape Digestive Tablets not only invites but *challenges* comparison. They sell regularly to the most responsive buying public a digestive tablet that has ever been known to command

THE SELLING POWER OF "MOORLAND'S" TO-DAY IS STRONGER THAN EVER

Post your Order to-day—and make more money

W. B. CARTWRIGHT LTD. RAWDON LEEDS

Unvarying Uniformity of Quality

MILLED by skilled men under scientific supervision, StaffAllenS Powdered Tragacanth is appreciated for its uniformity of quality. Each batch of raw material is carefully selected, ground, and graded according to its colour and fineness.

Three principal qualities are prepared. ELECT is necessary where only the finest tragacanth is permissible. No. 1 is suitable for all ordinary purposes and has the largest sale. No. 2 is a lower priced powder which is useful where a slight greyness of colour is not objectionable.

Your enquiries for StaffAllenS Powdered Tragacanth will receive careful attention. Write for samples and prices to-day. STAFFORD ALLEN & SONS, LIMITED, Drug and Spice Millers since 1833, COWPER STREET, LONDON, E.C.2 Telephone: Clerkenwell 2100 (5 lines)

StaffAllenS

POWDERED

TRAGACANTH

'LUTON'

STRAW HAT DYES

Attractive Showcards — Display Screens — Pattern Books — consistent Advertising and generous discount terms combine to make these world-famous Straw Hat Dyes a real "live" and profitable Chemists' "Line." The demand extends far beyond the recognised Straw Hat Season, as there is a steady call for "Luton" in both the Dull and Glossy Series for many other artistic and domestic purposes.

Supplied in the following Colours:

Each Bottle complete in Carton *with Brush* and full instructions. Black, Poppy, Navy Blue, Primrose, Purple, Pink, Ruby, Heliotrope, Emerald Green, Dark Brown, Old Rose, Jade Green, Nattier Blue, Nut Brown, Olive Green, Burnt Straw, Grey, Royal Purple, Royal Blue, Myrtle Green, Nigger Brown, Saxe Blue, Rust, Brown, Kingfisher Blue, Mole, Almond Green, Flame, Silver Grey, Fuchsia, Royal Mail Red, Golden Brown, etc. Any other shade can be matched or supplied.

IN LARGE BOTTLES

Price 12/- PER DOZEN

Retail P.A.T.A. 1/4 a Bottle

Write for Special Jubilee Terms for Luton Straw Hat Dyes and Auroral Cold Water Dyes

A SPECIAL NON-INFLAMMABLE SERIES IS SUPPLIED

AURORAL COLD WATER DYES FOR SILKS AND DELICATE FABRICS

FOR EXPORT

Export Houses and Overseas Buyers should write for particulars of this Non-Inflammable Series which is specially made to meet the requirements of Export Business. Special Export Prices and Terms for both "Luton" Straw Hat Dyes and "Auroral" Cold Water Dyes. — Apply at once to:—

ATTRACTIVE SHOW CARDS AND PATTERN BOOKS SUPPLIED

WHITAKER & CO., DYE SPECIALISTS, KENDAL

Telegrams: "Dulette, Kendal." Established 1878. Telephone: 214.

London Office and Showrooms: 16-18 BEAK STREET, REGENT STREET, W.1 Telephone: Regent 3825.

WE EXHIBIT AT THE BRITISH INDUSTRIES FAIR 3rd MONDAY IN EVERY FEBRUARY

WE EXHIBIT AT THE BRITISH INDUSTRIES FAIR 3rd MONDAY IN EVERY FEBRUARY

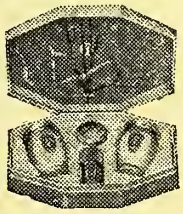
Coffrets — and "goodwill"

"GOODWILL" Presents for Christmas bringing "goodwill" to your Pharmacy. These beautiful presentation coffrets will be in big demand this festive season. Advertising to the public commenced Oct. 20. Write now for full particulars and prices of the

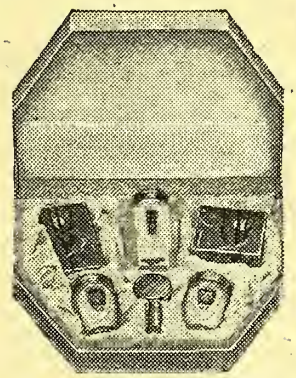
"Mists of the Moon"

Gift Coffrets

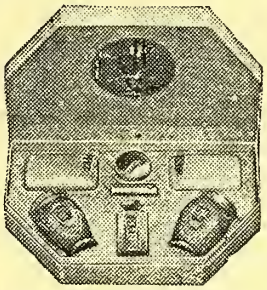
Perfect Presents—Perfectly Presented



Containing "Mists of the Moon," Vanishing Cream, Night Cream, Perfume and Powder Compact.
Retail price, **7/6.**



This handsome Satin-Lined Coffret contains "Mists of the Moon" Perfume, Powder, Night Cream, Vanishing Cream, Powder Compact (in gilt vanity case with mirror and puff), Talcum Powder and Lip Stick (in gilt case with jewelled slide).
Retail price, **21/-.**



This coffret contains "Mists of the Moon" Perfume, Toilet Soap, Vanishing Cream, Night Cream, Powder Compact (in gilt vanity case) and Lip Stick (in gilt slide).
Retail price, **11/6.**

Cussons

KERSAL VALE, MANCHESTER

10% BONUS ON AMAMI CHRISTMAS GIFT MANICURE SET

Striking Showcard in Green and Gold supplied for Window Displays.

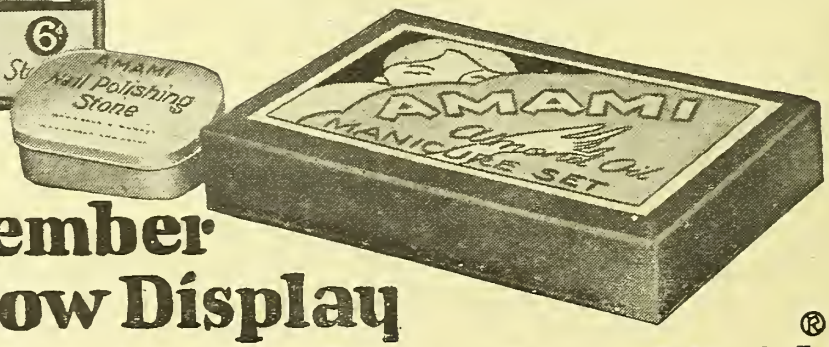
AMAMI Almond Oil Manicure Sets are popular. Our sales returns and Trade advices justify us in concentrating a mass of advertising behind them this Christmas. This advertising will appear in the leading women's journals during December.

For a window display Link-up we offer:

A parcel containing:—

1½ doz. 1/9 Almond Oil Manicure Sets - - - - - - - - } for 27/- less 10%
1½ doz. 6d. AMAMI Nail Stones }

An attractive Compact Showcard.



for November Window Display

ORDER FROM YOUR USUAL WHOLESALER ®

The Great Gal Advertising Campaign is Starting

ARE YOU READY?

Six million nine hundred thousand Sales Messages working for YOU. Nearly seven million advertisements for GAL TOILET SOAP. Over three and a half millions of them to appear before Christmas. By actual statistics each of these advertisements will be seen by five people—making the staggering total of almost thirty-five million times that Gal advertising will be seen in the near future. And seventeen million times in the short period between October 31 and Christmas.

From now until Christmas the following publications will contain full page advertisements, some in three colours, dramatically featuring GAL TOILET SOAP.

THERE IS THE ALL STAR CAST: *NASH'S* ✣ *LADY* ✣ *VOGUE* ✣ *TATLER* *SKETCH* ✣ *EVE* ✣ *GOOD HOUSEKEEPING* ✣ *WOMAN'S JOURNAL* *BYSTANDER* ✣ *GRAPHIC* ✣ *QUEEN* ✣ *PUNCH*

GAL TOILET SOAP is made with the finest Spanish Olive Oil. Its perfume is exclusive to itself, an exotic subtle fragrance. Spanish in its origin and in its originality, it has the added sales lure of foreign atmosphere. Gal is a luxury soap—luxuriously presented—strikingly displayed—popularly priced—nationally advertised—and giving you an exceptional margin of profit.

TRADE TERMS Gal Toilet Soap retails at 1s. per tablet, and 2s. 9d. per box of three. The price to you is 11s. per dozen tablets, less 33⅓ per cent. discount, P.A.T.A. From your usual wholesaler, or if you experience any difficulty write direct, and ask for Showcards, mentioning the name of your usual supplier, to

PERFUMERIA GAL (*London*) LTD.
76 STRAND LONDON W.C.2

By Appointment to Their Majesties the King & Queen of Spain.

OWN NAME TOILET PREPARATIONS OF DISTINCTION

ATTRACTIVELY AND EXCLUSIVELY PACKED

FOR THE PHARMACIST

Glass Stoppered Bottles.

HONEY & FLOWERS	4 oz. 12/-,	8 oz. 18/- doz.
BAY RHUM - -	4 oz. 12/-,	8 oz. 18/- doz.
BAY RHUM, ROSE-MARY & QUININE	4 oz. 12/-,	8 oz. 18/- doz.
EAU DE QUININE -	4 oz. 12/-,	8 oz. 18/- doz.
SETTING LOTION -	4 oz. 12/-,	8 oz. 18/- doz.
BRILLIANTINE - -	4 oz. 12/-,	8 oz. 18/- doz.
HAIR CREAM - -	4 oz. 10/6,	8 oz. 15/- doz.

Orders may be for one kind and size, or assorted.

3 doz. lots, **6d. doz. less**; 6 doz. **1/- doz. less**; 12 doz., **1/6 doz. less.**

NAME & ADDRESS PRINTED FREE ON 3 DOZ. & UPWARDS.
CARRIAGE PAID IN U.K. ON 3 DOZ. LOTS AND UPWARDS.

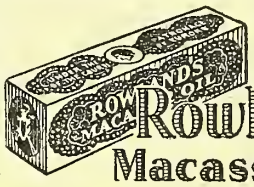
WALDEN, WALDEN & CO. —15 GRAPE STREET,— NEW OXFORD STREET, **LONDON, W.C.1**

Tried & Proved

Rowland's Macassar Oil is no new preparation; it has been used all over the world for more than 135 years and everywhere it is held in the highest esteem. It is guaranteed to contain no injurious substance

P.A.T.A.
3/6, 7/-
& 10/6

Red for dark hair; golden for fair or grey hair.
From all Wholesalers



Rowland's Macassar Oil

A. ROWLAND & SONS, Ltd., 112 Guilford St., London, W.C.1
RM4T

Assist British industry by recommending the 'WATTS' Sheffield-made Safety Razor Blade, the blade of *super-keenness.*

A counter display will help.

A user writes: "Can't understand people buying foreign blades when such as yours are obtainable."

12 Perfect Blades in Every Dozen

For Gillette-type and Autostrop-type holders

3/6 per doz. allowing 50% PROFIT on cost for the dealer.

Sole Manufacturers: **JOHN WATTS,**
Dept. 3, LAMBERT WORKS, SHEFFIELD.
London: 18 SOHO SQ., W.1. *'Phone: Gerrard 1306.*
Established over 150 years.

An Attractive Christmas Offer

SAVON MINAMA in GOLD BOXES

6 oz. octagonal tablets, highly perfumed, wrapped in cellophane and sealed. 3 tablets in a gold box.

Special Christmas Price.. .. .. ***84/-*** Gross Tablets

2½% 14 days. Carriage paid, free cases.

R. F. WHITE & Co., Ltd., Grove Mills, London Rd., Mitcham

Special BONUS offer

COSCUTIS

THE CREAM THAT
CLEANSES THE SKIN

Over 67% Profit for you!

A NATIONAL advertising scheme is to be launched week commencing November 5. There will be an immediate demand for this unique product. The following special offer will enable all who will give a 14 days' Window Display to PROFIT AT THE RATE OF £1 3 0 ON AN OUTLAY OF £1 14 0—thus:

	COST	SELLS FOR
1 doz. 6d. size @ 4/-	4 0	6 0
1 ,, 1/3 ,, @ 10/-	10 0	15 0
1 ,, 2/6 ,, @ 20/-	1 0 0	1 10 0
	£1 14 0	£2 11 0
BONUS		
2 6d. size FREE		1 0
2 1/3 ,, FREE		2 6
1 2/6 ,, FREE		2 6
		£2 17 0

Total Cost £1 14 0 Sells at ... £2 17 0
Profit ... £1 3 0 On Outlay £1 14 0

These prices do not apply to Irish Free State, Isle of Man and Channel Islands.

PRICES

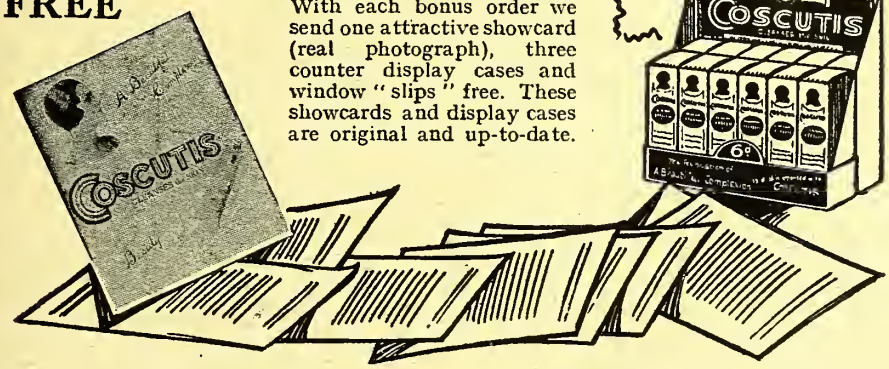
For 1 doz. lots

6d. size	4/- doz.
1/3 ,,	10/- ,,
2/6 ,,	20/- ,,

CARRIAGE PAID
MONTHLY ACCOUNT

ATTRACTIVE ADVERTISING MATERIAL FREE

With each bonus order we send one attractive showcard (real photograph), three counter display cases and window "slips" free. These showcards and display cases are original and up-to-date.



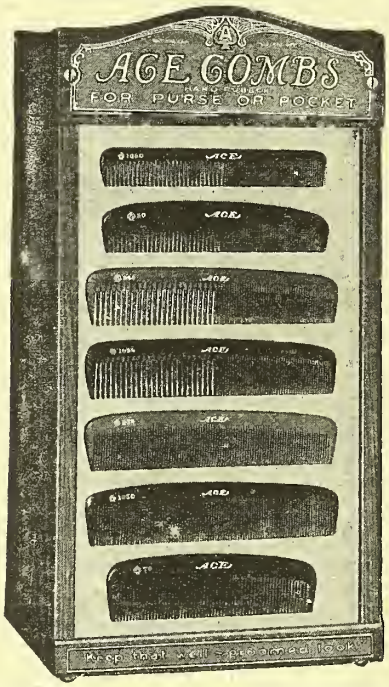
ORDER NOW! Stating day (before November 10, 1928) you wish goods despatched, either through your Wholesaler or direct from us.

THE COSCUTIS COMPANY, LIMITED
NEW BRIDGE ST. HOUSE, (Dept. M.), 30-34 New Bridge St., London, E.C.4

38/6 ON 45/6

PROFIT **OUTLAY**

Sell these high-grade ebonite combs
SHOWCASE FREE WITH ORDER



Start in on this profitable line. Fine quality combs made of ebonite—flexible, non-inflammable, brilliant hard finish. Supplied in seven styles, each with case. The ingenious showcase is free with your first order. It is permanent and not cumbersome. Re-fills can be put into the drawers at the rear. It contains seven dozen combs besides the free show samples. These come to you at 6½d. each, 45/6 the lot, and 5% discount for cash. They are easily worth a 1/- each to your customers. Supplied complete with counter card cut-out and window strip show-bill.

The illustration shows front view of cabinet. Wooden drawers provide easily accessible storage immediately behind the styles shown in the front The show specimens are mounted on a gold background under glass. Occupies little room on counter. Height 12½ ins., bases 4¾ by 6½ ins.

Enquiries solicited from Buying Agents.

ACE COMBS TRADE MARK

Direct from:—
AMERICAN HARD RUBBER CO. (BRITAIN), Ltd.,
13a FORE ST., E.C. CA 6201

DEARBORN (1923) LTD.

37 Gray's Inn Road, London, W.C.1

Toilet Specialties.	Price per doz. to Retailer	Selling Price P.A.T.A.
PILENTA SOAP .. .. A complexion soap.	10/-	1/-
PROLACTUM .. .. For the lips.	10/-	1/-
PARSIDIUM JELLY .. For wrinkles.	10/-	1/-
ALLACITE OF ORANGE BLOSSOM .. .. A dressing cream.	22/6	2/6
BORANIUM .. .. A hair tonic.	22/6	2/6
CLEMINITE .. .. For a face lotion.	22/6	2/6
COLLIANDUM (Powder & Solide.) For a face tint.	22/6	2/6
PERGOL .. .. .. A deodorant.	22/6	2/6
TEKKO PASTE .. .. Camphor cream.	22/6	2/6
STALLAX .. .. For a shampoo.	13/6 22/6	1/6 2/6
JETTALINE .. .. .. For clearing the skin.	31/6	3/6
PHEMINOL .. .. A depilatory.	36/-	4/-
MENNALINE .. .. For the eyelashes.	36/-	4/-
MERCOLIZED WAX .. A face cream.	18/- 31/6	2/- 3/6
STYMOL .. .. .. For oily complexions and blackheads.	36/-	4/-
SILMERINE .. .. Hair-curling fluid.	22/6	2/6
BARSYDE .. .. Dandruff eradicator.	22/6	2/6
TAMMALITE .. .. For grey and faded hair	22/6	2/6
LIQUID PERGOL .. .. To check excessive perspiration locally.	31/6	3/6
BICROLIUM .. .. For whitening the hands.	22/6	2/6
COCONOIDS .. .. For figure development.	31/6	3/6
SIPOLITE .. .. A new depilatory.	18/-	2/-

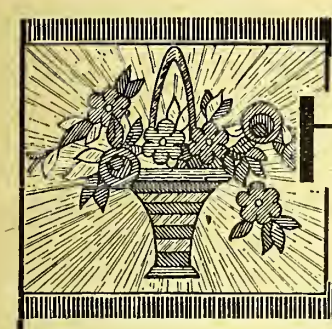
The Products of
Messrs. PARKER, BELMONT & CO.

CLYNOL BERRIES .. For obesity.	36/-	4/-
SOFT PALERIUM .. For wrinkles.	45/-	5/-
LIQUID NAIL POLISH .. Brilliant and lasting.	10/-	1/-

Stocked by ALL Wholesale Houses.

FOREIGN AND COLONIAL DEPÔTS AND AGENCIES.

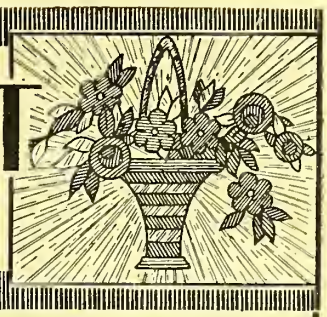
South Africa: LENNON, LTD., Cape Town, etc.
SIVE BROS. & KARNOVSKY, LTD., Johannesburg.
India: FRAMJEE & SON, Bombay.
A. L. CHOUDRY, Calcutta.
New Zealand: SHARLAND & CO., Auckland and Wellington.
Denmark: KARL SCHULTZ & CO., Copenhagen.
Irish Free State: MAY, ROBERTS & CO., LTD., Dublin.



HOUBIGANT

PARIS

Maker of perfumes since 1775



The Trade has long since recognised that the perfumes of HOUBIGANT and CHERAMY are securely established in the favour of people of good taste. Now there is

A POWERFUL ADVERTISING CAMPAIGN

comprising full pages in the high-class illustrated weeklies influencing the woman of means to buy Houbigant's perfumes such as Quelques Fleurs, Le Temps des Lilas, Subtilité, Au Matin, etc.

Make a counter or window display to link up with the advertising. The delicate flaçons of perfumes and boxes of face powder are decidedly attractive. Both HOUBIGANT and CHERAMY preparations are obtainable in series comprising Perfume, Face Powder, Face Cream, Talc, Brilliantine, Shampoo, Bath Salts, etc.

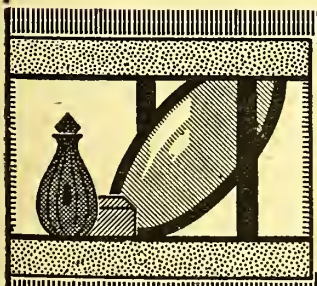
The terms to the retailer are too well known to need repeating here. The increased demand created by the advertising is well worth catering for.

Attractive Advertising Material supplied

PARFUMERIES DE PARIS, LTD.

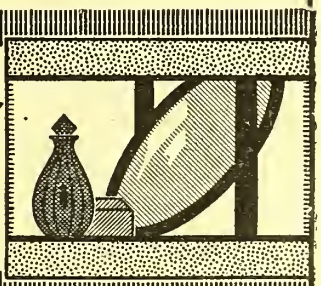
LARDEN ROAD, ACTON,
LONDON, W.3

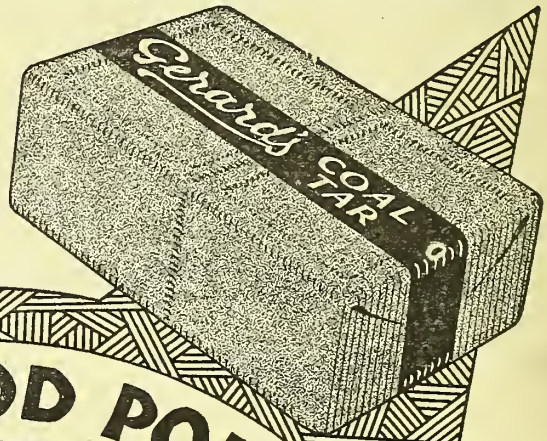
'Phone: Chiswick 1525 *Telegrams: "Pariparfum Act London."*



CHERAMY

PARIS





FOUR GOOD POINTS

1 Supplied to Chemists only.

2 Shows a clear profit of 30% on selling price.

3 Retails at 3d. per 6 oz. tablet.

4 Good selling lines appealing to all classes.

GERARD BROS. Ltd.
SOAP WORKS,
NOTTINGHAM.

FOUR GOOD SOAPS

GERARD BROS. Ltd. are not connected either directly or indirectly with any other firm.

Estd. 1777

A SEASONABLE REMINDER

Have You ordered your Xmas Stock of BRISTOW'S Rose of England Toilet Series?

"ROSE of England" Toilet Preparations are forging ahead in popularity.

Christmas shopping has already commenced. Very soon it will be general. Can you supply your customers with this new and profitable series?

Now—before it is too late—is the time to send us your orders and install your displays of "Rose of England" and Bristow's special perfumery.

Samples, Prices and Trade Terms will be gladly sent immediately on request.

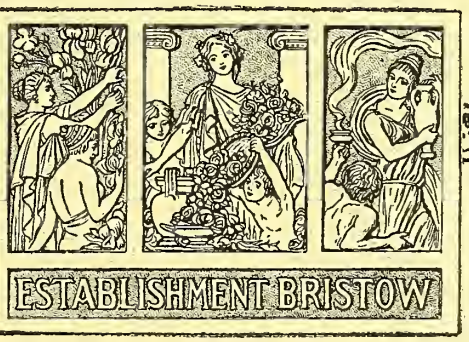
Write to-day.

T. F. BRISTOW & Co. Ltd.

Colindale, Hendon N.W.9.

Telephone: Colindale 6474.

Telegrams: "Floralium, Phone, London."



CAN YOU SUPPLY?

"SOMETHING NEW" — "SOMETHING DIFFERENT"

IN

EBONY

TO MAKE THESE SALES

YOUR RANGE SHOULD BE COMPLETE, UP-TO-DATE AND OF THE BEST.

Send Trade Card for latest Illustrated Catalogues.

ADOLPH SCOTT LTD. 23 to 26 GT. HAMPTON ST. **BIRMINGHAM**

Telephone: 2102-3 Northern. Telegrams: "Adolph, Birmingham."

Nothing Else! than the Blade you have been looking for

"As good as really Good Blades can be"

AMO
REG No. 483998 GUARANTEED
HAND HONED
SHEFFIELD STEEL RAZOR BLADE
MADE IN GERMANY OF SHEFFIELD STEEL

FREE 3 doz. Blades with each Gross ordered.

8/- Per Gross POST PAID.

FREE TESTING SAMPLE UPON REQUEST.

ORDER NOW—IT PAYS BEST—GIVE "AMO" A TEST

L. FRANKENBERG, 125 Houndsditch **LONDON, E.1**

ESTD. 15 YEARS - - - - - - TEL. AVENUE 8846

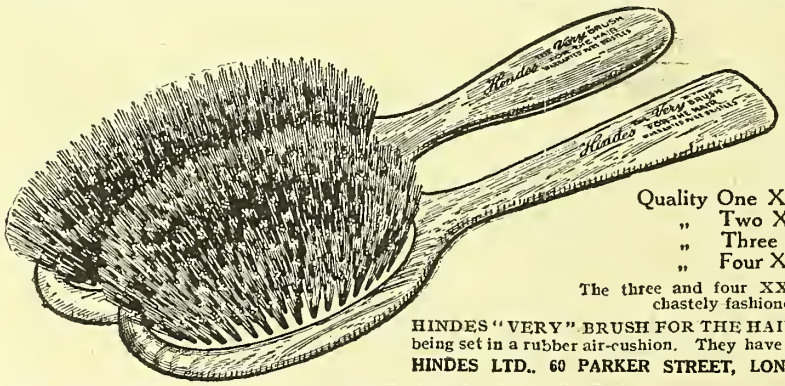
GILLETTE BLADES

27/9 per box, 10 boxes, **27/3** per box.

Price List on application for

VALET, DARWIN, EVER-READY, SOUPLEX, MYATT, WANIE, &c.

A. FRANKS & Co. 12, Bartlett's Buildings, Holborn, E.C.4. *'Phone:* Central 3640



HINDES "VERY" HAIR BRUSH

Quality One X	Sold at 7/6d. each.		TRADE PRICE 33⅓%
" Two XX	" 10/6d.	"	
" Three XXX	" 15/-	"	
" Four XXXX	" 18/6d.	"	

The three and four XXXX grade is made in Ebony or Rosewood, chastely fashioned in both oval and circular bodies.

HINDES "VERY" BRUSH FOR THE HAIR is guaranteed pure bristles, the multiple tufts being set in a rubber air-cushion. They have been known to the trade for nearly 40 years.

HINDES LTD., 60 PARKER STREET, LONDON, W.C.2. :: *Works:* BIRMINGHAM

We solicit your kind enquiries with regard to our

LIBERAL BONUSES

for

WINDOW DISPLAYS

of our

LATEST NOVELTY

Rêve d'or

(Golden Dream)

The Fragrance that is different

L. T. **PIVER** PARIS

COMPACT
in the "Jewellers' model"
Thin Metal Case.

WHOLESALE:	RETAIL:
28/- doz.	3/6 each

REFILLS:

12/- doz.	1/6 each

PERFUME

WHOLESALE:			RETAIL:		
60/-	84/-	124/-	7/6	10/6	15/6
Dozen.			Each.		

FACE POWDER

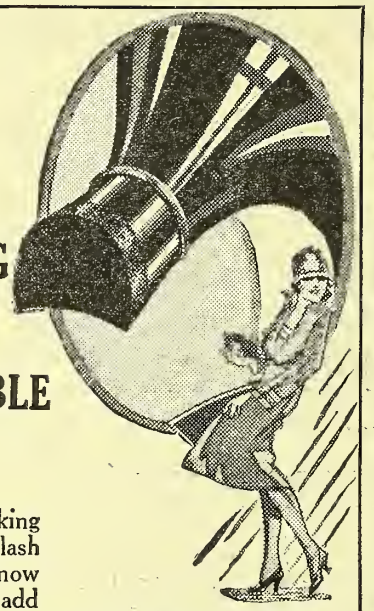
20/- doz.	2/6 each

PARFUMERIE **L. T. PIVER** PARIS

LONDON DEPOT: 102 DEAN STREET, OXFORD STREET, W. 1.

Distributing Agents for the Irish Free State - - WILCOX JOZEAU & CO, 19 TEMPLE BAR, DUBLIN.
Scottish Representative - - - - - R. TELFORD, 67 CARLTON PLACE, GLASGOW, C.5.

ARE YOU STOCKING THIS PROFITABLE LINE?



If you are not stocking "Sorpex" 'Splash Savers,' do so now without delay and add greatly to your wet-weather profits. 'Splash Savers' are essentially *your* line because they are a *Toilet Requisite appealing to all women*—and women are your best customers.

"SORPEX" 'Splash Savers' Regd.

ONLY **1/11 per pair** *The* WONDER HEEL CAP

are a *well proved permanent remedy* for splashed stockings. They are supplied in a dainty waterproof sachet all enclosed in an attractive carton.

Order a trial assorted dozen for "Louis" heels at 16/11, display our Showcards and you will quickly be glad to repeat in larger quantities.

Order supplies from any of the following Wholesalers:—

LONDON:—

R. Hovenden & Sons, Ltd., 29/33 Berners Street.

S. Maw, Son & Sons, Ltd. 12 Aldersgate Street.

BIRMINGHAM:— British Sundries, Ltd., 10 Dale End.

LEEDS:— Hirst, Brooke & Hirst Ltd., Millgarth Street.

LIVERPOOL:— Ayrton, Saunders & Co., Ltd., 34 Hanover Street.

MIDDLESBROUGH:— W. T. Coltman, Sussex Street.

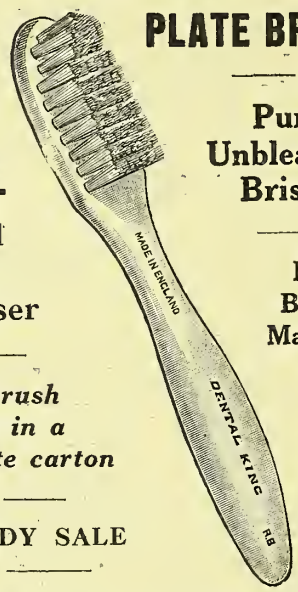
DUBLIN:— Hayes, Conyngham & Robinson, Ltd., 12 Grafton Street.

GLASGOW:— Samuel S. Goldberg, 153 Oxford Street. Munro McLaren & Sutherland, 17 Cadogan Street.

SORPEX LIMITED, 1 ALBERT STREET, BIRMINGHAM.

Splash Savers are advertised consistently in the leading National Press and women's periodicals as a Toilet Requisite obtainable from all leading Chemists.

THE "DENTAL KING" PLATE BRUSH



THE BEST Dental Plate Cleanser

Pure Unbleached Bristle

Best British Manufacture

Each brush packed in a separate carton

READY SALE

Illustrated Price List on application.

RIGBY BATTCOCK LTD.

Brush Manufacturers

LONDON - - - - E.5

A KEEN BLADE AT A KEEN PRICE

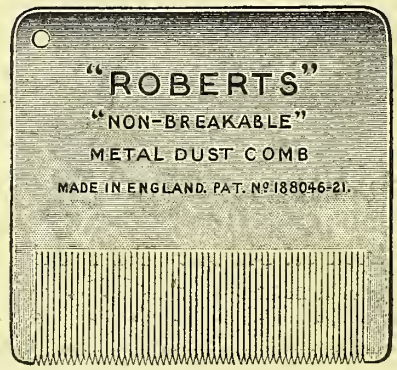
The Blade that SELLS as it SHAVES—

"LIKE GREASED LIGHTNING!"

Obtainable from all Leading Wholesalers.

Inquiries from Genuine Wholesalers only are Invited.

Dept. C.D. "Wanie" Distributors:
c/o ROEBUCK'S ADVERTISING SERVICE
Salisbury Square House, Salisbury Sq., Fleet St., London, E.C.4



For **SCURF, NITS,** Etc.,

STOCK and SELL the "Roberts Comb." Highly recommended by the Ministry of Health.

Retail 1/6 each.
Wholesale 12/- doz.

Each Comb in an envelope. Half dozen Combs in a box.

Of all Wholesalers. (Showcards available.)

Sole Manufacturers: **SACKERS, 13 Blackstock Road, London, N.4.**

Ye Olde Pot Pourri

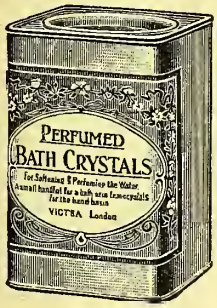
A blend of the choicest flowers of lasting fragrance.

Various size jars of assorted design from **15/-** *Dozen*

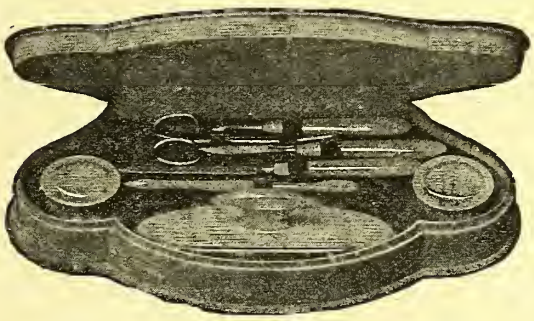
LORIMER-MARSHALL
LIMITED

12 Tower Hill
E.C.3

Telegrams: "LORIMARSCO, BILGATE, LONDON." Telephone: NEW CROSS 2119.



BATH CRYSTALS BATH COLOGNE
EAU DE COLOGNE LAVENDER WATER
FANCY PERFUMES PERFUME SPRAYS
MANICURES BRUSH SETS
SHINGLE SETS POWDER BOWLS



HOT WATER BOTTLES
and Everything Suitable and Seasonable for the ProgressivePharmacist.

Send us your enquiries or ask for our representative to call.

GENERAL CATALOGUE SENT ON REQUEST.

WILLIAM EDWARDS & SONS

Wholesale and Export Chemists' Sundriesmen,

14-18 NILE STREET, CITY ROAD, LONDON, N.1

BRITTON, MALCOLM & WAYMARK, LTD.

The House for all

DRUGGISTS' SUNDRIES

TRADE BMW MARK
DEPENDABLE

38 SOUTHWARK BRIDGE ROAD, LONDON, S.E.1

Telephone: Waterloo 1442 (Two lines). (NEAR BRIDGE, SOUTH SIDE). Telegrams: "Clinbritic, Borch, London."

HOT WATER BOTTLES
B.P.C. DRESSINGS
AIR CUSHIONS
AND WATER BEDS

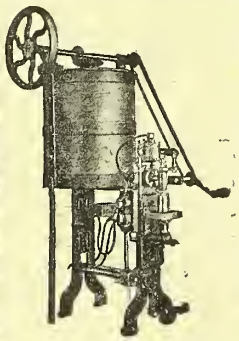
SURGICAL SUNDRIES
TOOTH AND NAIL BRUSHES
RUBBER URINALS AND CATHETERS
ELASTIC HOSIERY AND TRUSSES

Roberts' Original Patent
BOTTLE FILLING MACHINES

The record makers in speed filling with cleanliness. Foot-Operated Machines. From £5 5s. Hand-Operated Machines. From 36/-.

Soundly constructed, simple in action, easy to clean.

NEW PATENT SHALLOW TIN FILLING MACHINES.



Automatic CAN FILLING MACHINES, MIXING MACHINES, CORKING MACHINES.

NEW PATENT ACCESSORIES TO "NELSON," "VICTOR" and "NAVY" BOTTLE FILLING MACHINES enable them to be used as Vacuum Fillers, Gravity Fillers or Pressure Fillers at will.

"ROYAL" WRITE TO-DAY TO

ROBERTS' PATENT FILLING MACHINE CO.

33 Roundcroft Street, BOLTON, LANCS.

All rights reserved.

A STRAIGHT 6d., 9d. & 1/- LINE

THAT NO ONE IS ALLOWED TO CUT.

The Ink is right and terms are right. The sale increases every year, proving its popularity with the Trade and Public.

RECOMMEND
JOHN BOND'S 'CRYSTAL PALACE' MARKING INK

Established 125 years, in the Reign of King George III.

6d. size 4/3 per doz., 9d. size 6/- per doz. 1/- size 8/- per doz.

Showing Retailers 30% on turnover on the 6d. size, and 33⅓% on the 9d. and 1/- sizes.

A Linen Stretcher and Special Marking Pen given with the 9d. and 1/- sizes.

WHOLESALE TERMS:

MINIMUM—1 gross 6d., 44/-, or mixed order to same value, 1 gross 1/-, 80/- subject to customary discount on quantities. 9d. Bijou Cabinets 60/- per gross.

CARRIAGE PAID on parcels of £2 4s. 0d. and upwards. When ordering, please specify if HEAT OR NON-HEAT is required.

23 YEARS ON THE P.A.T.A.

Manufactory: 75, Southgate Rd., London, N.1

PATENT FOODS

SPECIAL FOODS DEVISED. ENQUIRIES INVITED.

George King & Co., Ltd., Sycamore St., London, E.C.1

Phone: Clerkenwell 3383. *Wires: "Foodokings, Barb, London."*

IN TINS OR TONS

NURSE HARVEY'S MIXTURE

A safe, simple and reliable remedy for Children's Ailments is advertised so extensively in the daily and weekly Press as to bring mothers to the retailer without effort on his part.

The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family necessaries from him. Moreover, the continuous demand for it produces a quick turnover.

For Direct Terms apply to—

OSCAR SCRUTON & CO., YORK

A Bright Christmas Window

will just give that finishing touch to convince the potential buyer that yours are the goods for Christmas presents. Illustrated Lists in colours, No. C.D. 1090, showing tickets, posters, window slips, artificial flowers, vine leaves and all decorations applicable to the festive season, free on mention of this journal.

DUDLEY & CO. Limited

558/576 Holloway Road, London, N.7

City Showrooms - - 65, FORE STREET, E.C.

Literature and Samples supplied on request by:

STANDARD YEAST CO., LTD.
LONDON
CHISWICK
W.4

Guarantee

Our Lyco Yeast Tablets are expressly guaranteed to contain pure Culture Yeast only and no addition of drugs or any other ingredients is made in the preparation of Lyco Yeast Tablets.

Terms and full particulars on application to the Sole Manufacturers:

THE STANDARD YEAST CO., LTD.

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DE VILBISS SPRAY
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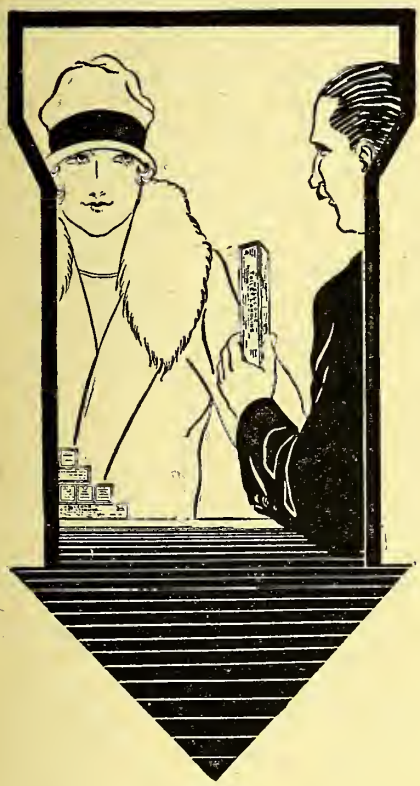

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(1) A special process makes it smooth and creamy in consistence. It can be pressed from the tube easily and penetrates quickly.

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THE CHEMIST AND DRUGGIST

A WEEKLY JOURNAL OF PHARMACY AND OF THE CHEMICAL AND DRUG TRADES

THE CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official organ of the Pharmaceutical Society of Ireland, the Chemists' and Druggists' Society of Ireland, and of other Chemists' Societies in the Overseas Dominions.

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Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Tuesday, November 6

Retail Pharmacists' Union, Plymouth Branch, Mikado Café, at 8.30 p.m. Address by Mr. H. W. Harrie on the "Chemists' Sickness and Provident Society."

Wednesday, November 7

Pharmaceutical Society of Great Britain, 16 Bloomsbury Square, W.C.2, at 11 a.m. Council meeting.

Pharmaceutical Society of Great Britain, West Metropolitan Branch, and Western Pharmacists' Association, 192 Oxford Street, W.1, at 8.30 p.m. Address (preceded by light supper) by Mr. Frank Wokes, B.Sc., on "The Work of the Pharmacological Laboratories and its Bearing on Retail Pharmacy."

Thursday, November 8

Pharmaceutical Society of Great Britain, Watford and St. Albans Branch, Malden Hotel, Watford, at 8 p.m. Address by Mr. J. P. Gilmour on "Lights and Shadows of a Life in Pharmacy."

English and Welsh News

The Editor will be obliged if subscribers will send him marked copies of newspapers containing items of interest for insertion in this or other news sections.

Contracts

The following tenders have been accepted by the bodies named:—

Birmingham Guardians.—Drugs, etc.: Blackwell, Hayes & Co., Ltd.; Burgoyne, Burbidges & Co., Ltd.; Lysol, Ltd.; Dressings: Albert Browne, Ltd.; Cuxson, Gerrard & Co., Ltd.; Southall Brothers & Barclay, Ltd.; Edward Taylor, Ltd.

Chester Guardians.—Mr. D. T. Dickenson, chemist and druggist, drugs.

Maidenhead Guardians.—Boots, Ltd., medical and surgical appliances.

Pembroke Guardians.—Mr. I. Howells, chemist and druggist, drugs, etc.

St. Albans Guardians.—Ekins & Fisher, chemists, surgical dressings.

Whitby School Managers.—Mr. J. Brooks, chemist and druggist, drugs, etc.

Inquests

An inquest was held at Wimbledon, on October 26, on the body of Mr. W. W. Walmisley. Mr. Walmisley's son said his father was a strong, healthy man, and had had no serious illness. On October 22 he complained of a stiff neck, and witness's mother rubbed his neck with a liniment prescribed for him by Dr. Hill. He also had a bad cough, and had some medicine for that. The cough mixture and the liniment were placed side by side on the mantelpiece. The bottles were similar in shape, but different in colour. His father drank half the bottle of liniment and subsequently died. Dr. R. A. L. Hill deposed that death was due to cardiac failure from poisoning by aconite and belladonna. The deceased had taken about 1 oz. of liniment. The coroner returned a verdict of "Death from misadventure."

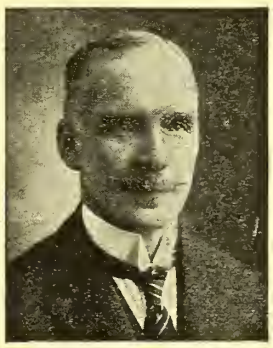
Birmingham

An Exhibition of Health and Hygiene was opened on October 30 by Sir Wm. Arbuthnot Lane, and will remain open until November 10.

The University Students' annual hospital carnival was held on Saturday, October 27, but was marred by the very wet weather. It is hoped to realise £6,000.

Liverpool

Mr. J. G. Wallbridge has been chosen as president of the Liverpool Chemists' Association in succession to Mr. John Jones. The formal election will take place in due course.



J. G. WALLBRIDGE

The Liverpool Chemists' Association held their annual smoking concert in aid of the Benevolent Fund of the Pharmaceutical Society at the Midland Adelphi Hotel on Wednesday evening, when a sum of £100 was raised.

Sheffield

A mild epidemic of influenza has caused an increase in Insurance dispensing.

A match between the Sheffield Chemists' Football Club and the Shop Assistants, played recently, resulted in a draw (1—1). Garner scored for the chemists.

At the City Police Court, recently, Edward Austin, described as a herbalist, was fined £2 10s. for selling sweet spirit of nitre deficient in ethyl nitrite.

Society of Apothecaries of London

At the assistants' examination, held on October 22, 24 and 25, the following were granted the certificate of qualification to act as an assistant to an apothecary in compounding and dispensing medicines :—

Adamson, M.	Hand, E. A. C.	Radford, E.
Anstiss, E. E.	Harper, M.	Reilly, M. L.
Barker, A. M. R.	Hosking, D.	Richards, S. A.
Beaman, E.	Hyde, B.	Roberts, M. B.
Best, E.	Jones, B.	Roberts, W.
Bland, M.	Laing, A. D.	Rodger, E. A.
Bradbeer, E. M.	Lawrenson, E. M.	Rouse, O. E. E.
Bridge, A.	Lea, E. A.	Rowlands, D. M.
Brown, M. A.	McLellan, C. W. B.	Samuel, D. A.
Browne, N. K.	Marshall, H.	Sanderson, E. W.
Burnell-Jones, U.	Maynard, G.	Scarff, F. G.
Chadwick, E. N.	Merry, F. H.	Smith, C. G. F.
Channon, E. N.	Molyneux, H. M.	Smith, H. C.
Cheadle, E. A.	Monk, E. H.	Smith, W. L.
Collins, G. E.	Morgan, M. E.	Sutherland, E.
Cox, H. B. W.	Newman, M. C.	Tabberner, M. I.
Cuthbert, M. F.	Pearson, T. L.	Williams, D. M.
Davies, M. E.	Peck, J. M.	Williams, E.
Davies, N. M.	Pilsbury, M. A. B.	Williams, M. B.
Denton, F.	Pollock, M. C.	Willoughby, D. M.
Dew, V.	Poole, M. C.	Wilson, N. M.
Farrow, V. W. R.	Poole, V. M. C.	Winzar, M. A.
Fuller, A. E.	Pringle, E. A.	Yount, H. M.
Hall, E. W. W.	Puddy, E. O.	

Miscellaneous

BURGLARY.—The premises of Salter & Potter, Ltd., chemists, Southall, were broken into on October 29. A number of cameras and safety razors were among the articles stolen.

WINDOW-DRESSING AWARD.—At a shopping week window-dressing competition at Watford, recently, a second prize was awarded to Mr. H. Page, chemist and druggist, High Street.

POISON-LICENCE APPLICATION.—E. Jones & Son, general merchants, Ponterwyd, have applied to the Cardiganshire County Council for a licence under Section 2 of the Poisons and Pharmacy Act, 1908.

DRUG LICENCE MISSING.—A Home Office licence for the purchase of morphine, issued to Barclay & Sons, Ltd., Farringdon Street, London, E.C.1, was lost on October 30. We learn that a new licence is being granted, and that the old one is consequently cancelled.

LIQUID OXYGEN EXPLOSIVES ORDER.—Notice is given in "The London Gazette," October 30, that it is proposed to submit to His Majesty in Council the draft of Order, entitled "The Liquid Oxygen Explosives Order, 1928," in pursuance of the Explosives Act, 1875.

FIRES.—The following outbreaks of fire have been recorded since our last report :—The premises of George Curling, Wyman & Co., manufacturing chemists, Bunhill Row, London, E.C.1, were the scene of an outbreak of fire on October 25. The damage was slight.—There was an outbreak of fire on October 25 at the premises of Buggés Insecticides, Ltd., manufacturing chemists, Blackheath, London, S.E., caused, it is understood, by oil boiling over. The contents of a workshop and storeroom were affected, but the damage was not of an extensive nature.

IN THE COURTS.—In the Mayor's and City of London Court, on October 29, Molinelle, Ltd. (in liquidation), Gracechurch Street, E.C., were granted judgment in the sum of £3 12s. 4d. against Mr. A. S. King, 5 and 11 Holborn, E.C., for perfumery supplied. The defence was that the goods were supplied on sale or return.—At Weston-super-Mare, recently, Percival Charles Davies was committed for trial on a charge of breaking into the premises of Mr. Donald Henry Moore, chemist and druggist, and stealing the sum of £2.—At East Ham Police Court, on October 30, George W. Chester, described as a gardener, was fined £10, with £3 3s. costs, for having been in unauthorised possession of 6 gr. of morphine. The defence was the morphine was given to the accused at Liverpool University nine years before the Dangerous Drugs Regulations were made.

Irish News

Chemical, Drug and Paint Census

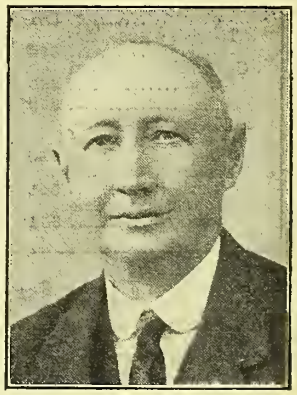
The fourteenth of the series of preliminary reports on the Census of Production taken in the Irish Free State in 1926 deals with the chemical, drug and paint industry. Returns were received relating to the operations of the twenty-three establishments in which chemicals, drugs, paints, etc., were made in that year. The compounding of medicines by retail chemists and druggists is not included in this inquiry, owing to the difficulty of obtaining complete returns. The net selling values of the products made in 1926 for sale by these twenty-three establishments was £147,289, of which paints in paste or mixed for use accounted for £32,665, drugs, medicines and medical preparations £21,734, oils and tallow £21,074, and proprietary medicines £18,825. Owing to the possible disclosure of the business of individual firms details relating to the refining of oils or the mixing of lubricating oils, etc., are not given under the heading "oils and tallow." The total amounts paid in salaries and wages in 1926 by the twenty-three firms in connection with the output referred to above were :—Salaries, £13,464, and wages and earnings £12,210, making a total of £25,674. The total number of persons engaged in the twenty-three establishments was 233, consisting of 143 males and ninety females.

Brevities

At the annual meeting of the Belfast and District Chamber of Trade on October 25, Mr. Horatio Todd, J.P., ex-president of the Pharmaceutical Society of Northern Ireland, was elected a vice-president.

An inquest was held at Omagh, on October 20, into the cause of death of Robert Vance, farm labourer, who was taken to Tyrone County Hospital in a state of collapse. Mr. T. McAllister, R.D., a member of the firm of McAdam & Bates, chemists, Omagh, stated that Vance came into the shop and asked for strychnine to destroy a dog and rats. Witness supplied him with 40 gr. Vance appeared quite normal and signed the poison-book. Dr. H. Nelson said that death was due to strychnine poisoning, and the jury found accordingly, adding that the deceased was temporarily insane.

Mr. W. J. Hardy, the newly elected president of the Pharmaceutical Society of Northern Ireland, is one of the best-known pharmacists in the Six Counties. He served his apprenticeship in Armagh, of which county he is a native, and was then for two years in Waterford. Subsequently he spent five years in Dublin in the pharmacy of J. J. Graham & Co. He eventually went to Belfast, and after several years in the city, acquired the old-established firm of Davidson & Leslie, Castle Place. Mr. Hardy changed the title of the firm to Davidson & Hardy. Mr. Hardy is chairman of directors of Harmur, Ltd., chemists, Ann Street. He has always taken an interest in trade politics, and twice filled the presidential chair of the Ulster Retail Drug Trade Association. When the Northern Irish Society was set up he was one of the first members nominated by the Ministry of Home Affairs, and was elected to the vice-presidency last year. Mr. Hardy filled in 1926 the office of president of the Belfast Chamber of Trade. He has a thorough knowledge of pharmacy law, and is recognised as one of the best-informed men in Northern Ireland. Mr. Hardy takes a keen interest in golf. He is a member of the Donaghadee and Knock Clubs, and has captained the latter club on two occasions.



Photo] [*W. & G. Baird, Ltd.*
MR. W. J. HARDY

Scottish News

Brevities

Mr. William Stewart (of the local branch of Cockburn, Ltd.) has been elected to the management committee of the newly-founded Greenock Business Builders' Circle.

The following pharmacists have been nominated for the forthcoming municipal elections :—Mr. W. Spence Culbert, Airdrie; Mr. Henry Baxter, Falkland; Mr. Adam Gilchrist, Huntly; Mr. Charles P. Bayne, Jedburgh; Mr. W. J. Sanderson, Peebles.

In accordance with the Reorganisation of Offices (Scotland) Act, 1928, Mr. John Jeffrey has been appointed permanent secretary of the Department of Health for Scotland. The change in name from the Scottish Board of Health is to take affect as from the end of the current year.

The new wing, which represents the completion of the reconstruction scheme in connection with Glasgow Royal Infirmary, was recently opened by Sir John Gilmour, Bt., Secretary of State for Scotland. The buildings include a memorial to Lord Lister, in the form of the Lister lecture theatre, which occupies the site of the ward in which he worked.

Mr. David S. Bennet, Ph.C., F.C.S., Cahirciveen, co. Kerry, Irish Free State, writes :—" Kindly permit me to endorse the remarks of Mr. Merson in last week's *C. & D.*, in referring to the 'passing' of 'Sam Crowden,' as he was affectionately termed by those who knew him. As I write, I have before me a copy of the 1885 B.P., which was awarded to me, as an apprentice of the Edinburgh Chemists', Assistants' and Apprentices' Association, on October 11, 1885, in the apprentices' competitive examination. The donor was 'Sam Crowden,' who, through his kindness of heart, awarded it to me as an 'extra' prize, my paper being but little short of obtaining one of the two prizes offered for competition, which bears out what Mr. Merson says about 'his ready and understanding sympathy and encouraging help'; and I often look with pride on this old B.P., and shall value it more than ever, now that the kindly donor has crossed 'the great Divide.' "

Edinburgh

At the recent graduation ceremony of Edinburgh University, the degree of Ph.D. was conferred upon William J. Walker, F.I.C., son of the late J. Dalling Walker, chemist and druggist, Edinburgh.

Mr. John G. Green, Kirkcaldy, formerly of Plaister & Co., and of Lewis & Burrows, Ltd., London, received the M.A. degree of Edinburgh University, at the recent graduation ceremony. Mr. Green was awarded distinction in philosophy and psychology.

Business Changes

DRAPER'S PHARMACY, LIMITED, have opened a new business at 1 Soho Street, Islington, Liverpool.

MR. H. H. GREENFIELD, chemist and druggist, has opened a business at 41 Hall Gate, Doncaster.

MR. J. W. SMITH, chemist and druggist, has purchased the branch business of Mr. F. T. Chapman, 23 Beckett Road, Doncaster.

MR. G. D. MASSON, chemist and druggist, has acquired the business of Mr. T. Cooper, 10 High Street, Halesowen, Birmingham.

MR. ERIC BAILEY, chemist and druggist, has bought the business of Richardson & Williamson, 809 Harrow Road, London, N.W.10.

MR. J. W. LAMB, chemist and druggist, Bradford, has purchased the business of the late Mr. H. N. Haigh, 176 Main Street, Bingley.

MR. A. WILSON, chemist and druggist, has opened a business at the corner of Welbeck Road and Roman Avenue, Newcastle-on-Tyne.

MR. W. SUTCLIFFE, chemist and druggist, has purchased the business of Mr. J. W. Lamb, chemist and druggist, 802 Horton Lane, Bradford.

Retail Pharmacists' Union

MEETINGS of the Executives of the Retail Pharmacists' Union and Chemists' Defence Association were held at 4/5 Queen Square, London, W.C.1, on October 23, Mr. J. E. French in the chair.

CHEMISTS' SICKNESS AND PROVIDENT SOCIETY

The Subcommittee responsible for the promotion of this Society reported that their work had been completed and that there had been a very gratifying response to the initial announcement of the formation of the Society.

NATIONAL HEALTH INSURANCE

A report was received from the Food and Drugs Subcommittee with recommendations which were to be submitted to the Ministry of Health on November 1.

The chairman reported that, together with the secretary, he had had an interview with the responsible officials at the Ministry of Health regarding the methods of investigating extravagant prescribing. It had been decided that individual examinations of doctors' prescribing should be cut down in so far as those examinations were in respect of extravagance in drugs, but that there should be instituted special investigations regarding frequency of prescribing.

A report was received regarding investigations which had been carried out in respect of the keeping properties of syr. ferri iodidi, and the conclusion was drawn that it was better from a dispensing point of view to use syr. ferri iodidi in preference to liquor pro syrup., as it was shown that its keeping properties were such as to justify its being preferred in comparison with the syrup made from the liquor.

Chemists' Defence Association Affairs

The secretary reported that there were seventeen cases outstanding, of which four might be considered closed, and three had been settled as follows :—(1) Claim for accumulators damaged, payment of £2 11s. 5d.; (2) injury caused to customer's arm by butter of antimony, payment of £10; (3) injury caused by falling Kodak machine, payment of £4. Six new cases had arisen during the month, of which three had been settled :—(1) Claim for damage to clothing caused by broken syphon, payment of £3 2s. 10d.; (2) claim for smelling-salts bottle broken during filling, payment of £1 3s.; (3) claim for damaged accumulator, payment of £1 5s.

Branch Meetings

Warwickshire.—The Warwickshire Branch of the Retail Pharmacists' Union met on October 25, at Leamington, Mr. Hutton in the chair. The secretary was instructed to write to the P.A.T.A. as to local infringements of the rules of the Association. The new R.P.U. Sickness and Provident Society was discussed and approved. A member reported his experiences in connection with an advertisement contract he had entered into, which emphasised the necessity of having such contracts definitely determined before payment for them is made. It was unanimously resolved to continue the support of the Branch to Headquarters in resisting encroachments upon the pharmacist's business.

West Ham.—A joint meeting of the No. 3 Branch of the R.P.U. and the West Ham and District Association was held on October 25, when an address was given by Mr. J. E. French, chairman of the R.P.U. The speaker first dealt with the Chemists' Mutual Insurance Co., pointing out how valuable an asset it was to the pharmacist. As to the Chemists' Sickness and Provident Society, he said it was desirable that such a Society should exist. It relieved the employer of heavy charges or wages, etc., and an employee of anxiety, in the event of illness. In reviewing N.H.I., Mr. French spoke of the circumstances that led up to the adoption of the present method of payment. He showed that, even with the small discount that had taken place in 1927, the present terms were preferable to the cut suggested by the Ministry as an alternative. Mr. French answered questions asked by Messrs. Reed, Raynor, Soper, Thomson and others. A vote of thanks was proposed by Mr. W. J. Beardsley.

Canadian Notes

PRODUCTION OF HONEY.—Canada continues to make considerable progress in the production of honey, especially in Manitoba, where a total of over 7,000,000 lb. was produced in 1927. Comparatively few bees are as yet kept in the Maritime Provinces, although these provinces contain large areas suitable for honey production. Greater interest in the industry is now being shown, however, and the demand for bees is increasing. The introduction of sweet clover into Manitoba and Saskatchewan, and the large increase in alfalfa-growing in the irrigated regions of Alberta have opened up wide areas where bee-keeping will flourish.

A YET more rapid expansion in the manufacture of patent and proprietary medicines, pharmaceuticals, and similar commodities is reported from Canada. Production last year amounted in value to £3,249,838 ($16,249,191), an increase of £173,343. This establishes a new high record for the industry, which has shown consistent expansion during the last five years. There are 136 plants in the Dominion, six new ones having been added last year, and the capital employed is £3,508,422 ($17,542,111).

CHEMICALS CONSUMED BY INSECTICIDE MAKERS.—Insecticides manufactured in Canada include Paris green, lime sulphur solution, lead arsenate, lime arsenate, and various other compounds and liquids for fumigation and disinfectant purposes. In 1926, of the eighteen plants making these commodities as major products, five were located in Quebec, seven in Ontario, three in Alberta, two in Manitoba, and one in British Columbia. These plants represented a capital investment of $871,436, employed an average of 129 workers and produced commodities worth $711,435. In 1925 there were only fourteen plants in operation, and the aggregate output value was $523,221. The major materials used in the Canadian industry are shown in the following table :—

	1925 lb.	1926 lb.
Acetic acid	566.923	457,961
Copper sulphate ...	639,364	240,703
Insect flowers ...	42,000	54,400
Lime	1,026,000	1,090,516
Litharge	184,428	84,465
Soda ash	307,200	347,600
Sulphur	984,000	1,204,300
White arsenic ...	268,250	467,153

South African News

From "C. & D." Correspondents.

"The Chemist and Druggist" is supplied weekly to members of Chemists' Societies in South Africa.

The Union

UNION PHARMACY BOARD UNDER THE NEW ACT.—Under the provisions of the new Medical and Pharmacy Act the following chemists and druggists have been elected members of the first South African Pharmacy Board, holding office for five years from January 1, 1929 :—Messrs. Francis Carter, Orange Free State; John Christie, M.L.A., Transvaal; Matthew Walter Clancy, Cape Province; Alexander McDonald Fyvie, Natal; Robert McIntosh, Transvaal; Herbert James McJannet, Cape Province. The Government nominees are :—Messrs. W. A. J. Cameron, Johannesburg; P. J. Spruyt, Pretoria; and Dr. Wilmot, Public Health Department, Pretoria.

Orange Free State

PHARMACEUTICAL EXAMINATIONS.—At the Qualifying Examination for chemists and druggists, held in Bloemfontein on August 27 and succeeding days, eleven candidates presented themselves for the entire examination. One only, Mr. J. F. Botha, was successful in satisfying the examiners in all subjects. The examiners in pharmacy, dispensing, and materia medica were Messrs. Francis Carter and James Reid. Messrs. Mannion, Segall and Van Deventer, who had failed in one subject at the previous examination, were re-examined, and being successful, are now entitled to be registered as chemists and druggists, O.F. State. The candidates hailed from places as far distant as Port Elizabeth, Johannesburg, Kimberley and Cape Town, besides those residing in the O.F. State. This should be the last examination held under the Medical and Pharmacy Council, O.F. State, as that body ceases to function at the end of this year, being superseded by the Union Medical Council and the Union Pharmacy Board respectively. These two new bodies will take charge of medical and pharmaceutical matters from January 1, 1929, when all provincial distinctions will cease, and the new Union registers of doctors, dentists, chemists and nurses will become effective, and reciprocity between all the provinces of the Union will be established. At a meeting held on September 6 the examining board that conducted this examination resolved to recommend to the Medical and Pharmacy Council, O.F. State, that a special examination be held in Bloemfontein early in December next, and that the rejected candidates be allowed to again present themselves so that they might have an opportunity of being again examined under the conditions at present obtaining in the O.F. State. This recommendation is based upon the fact that the Union Pharmacy Board has powers to regulate the standards of Preliminary Education and the subjects of examination, and it is felt that no new syllabus or new standards of education should be imposed upon these unsuccessful candidates immediately the new Pharmacy Board commences to operate.

Southern Rhodesia

MEDICAL COUNCIL.—Messrs. William Dawn Copley, John Lloyd Roberts and Harold William Smart have been elected to seats on the first Medical Council, formed under the provisions of the "Medical, Dental and Pharmacy Act, 1927." The notice in the "Government Gazette" of August 31 fixed the first meeting of the Council for September 5.

Transvaal

PERSONAL.—Mr. G. B. Christie has been elected secretary of the Pharmaceutical Society of the Transvaal for the third year in succession. Mr. H. L. Karnovsky, who has been president of the Society for the last two years, relinquished that office on September 25. He did useful service to the craft during his term of office, and originated the idea of a Chemists' Exhibition in conjunction with the annual conference of the Associated Societies. The exhibition was a great success. He is a strong supporter of a "South African Pharmaceutical Society," with provincial autonomy. He is Vice-President of the Associated Societies, and a member of the Northern Executive.

MR. S. D. SMITH, the newly-elected president of the Pharmaceutical Society of the Transvaal, was born in Broomhill, Lanarkshire, Scotland. He served his apprenticeship with his father, the late Mr. R. F. Smith, whose premises were situated in Dumbarton Road, Glasgow. Mr. Smith came to South Africa in 1910, and took up an appointment with the Rand Mines, and afterwards went over to Messrs. Lays in Market Street, Johannesburg. In 1913, he went to McDonald, Adams & Co., Ltd., and in 1915 returned to Scotland, qualifying in the same year. Mr. Smith joined up with the R.F. Artillery immediately after his studies were finished, and served in France, Salonika and South Russia, being discharged in 1919. Returning again to Johannesburg in 1920, he rejoined McDonald, Adams & Co., Ltd., and is now their retail manager. He has served several years on the committee of the Society, and is a most active member.

MR. S. D. SMITH

Insurance Act Dispensing

Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Local Reports

ENGLAND AND WALES

London.—A meeting of the Pharmaceutical Committee took place on October 16, Mr. P. Sparks (chairman) in the chair. The reports of the Central Checking Bureau for the months of May, June and July, 1928, were submitted, showing that the margin of error in pricing was 0.01 per cent., 0.05 per cent., and 0.3 per cent. respectively. It was reported at the previous meeting that the Committee's observations with regard to the details of the National Formulary had been submitted to the R.P.U. The Committee also received a report of the Conference of Pharmaceutical Committees held in July. Reference was made to the correspondence in the daily press with regard to the provision of medical benefit, and the secretary was instructed to keep a record of any such correspondence bearing upon the pharmaceutical service. The secretary reported, *inter alia* : Comparative figures for the first six months of years 1927 and 1928 as follows :—

	1927	1928
No. of prescriptions ..	4,637,084	4,467,542
Cost of ingredients ..	£70,756 1s. 4d.	£68,104 8s. 6d.
Cost of fees	£86,574 13s. 3d.	£82,701 6s. 6d.
Average ingredient cost	3.66d.	3.66d.
Average cost of dispensing fees	4.48d.	4.44d.
Number of persons on list	1,763,844	1,798,251
Number of prescriptions per person	2.63	2.48
Total cost per person ..	21.41d.	20.13d.

That after full investigation arrangements had been made for the continuance of the rota for a special service in a district of the S.E. area; particulars of the action taken regarding interference with an insured person's free choice of chemist; irregularities in the dispensing service, which had since been rectified; particulars of a complaint regarding delay in supply of medicine; particulars of an alleged breach of contract. The necessary instructions were given to the secretary for investigation and report. The Committee carefully considered a letter from the Ministry of Health regarding the supply of a walking caliper splint to an insured person, and were of opinion that such an apparatus would not be required for temporary use and could be better described as a crutch, and therefore was not a proper charge on the drug fund. The secretary was instructed to send a letter of protest to the Ministry conveying the views of the Committee. The Chemists' Service Subcommittee reported on fourteen cases under the testing scheme. In six cases the chemist was cautioned, in one case the chemist's explanation was accepted, in six other cases the chemists were censured, and in the remaining case it was decided to take no action.

Portsmouth.—The Insurance Committee recently issued their second report on the drug-testing scheme. In their initial report the Committee dealt with fourteen samples, but they now cover fifty-five samples, of which forty-five were medicaments and ten appliances. Tables are given indicating in percentages the accuracy attained by the compounder, and the fact that only four cases had to be brought to the notice of the Pharmaceutical Service Subcommittee shows that, on the whole, Portsmouth dispensing reaches a high standard. The tables, in fact, show that with three-quarters of the test substances the error was under 5 per cent. Only one case is recorded where there was a deficiency of over 40 per cent. (mag. carb. levis), and one with a deficiency of between 20 and 30 per cent. (ac. hydrochlor. dil.), and in two instances there were deficiencies of between 10 and 20 per cent. in the same substances. Two cases are recorded of excesses of between 20 and 30 per cent. (quin. sulph. and mag. carb. levis), and two of excesses of between 10 and 20 per cent. (both am. carb.). In certain cases, the report states, the chairman of the Pharmaceutical Service Subcommittee and the pharmacist member have adopted a course of action which, while not literally sanctioned under the drug-testing scheme, is clearly in conformity with its spirit, and is believed to commend itself to all interested. It has been found in a few cases that errors have occurred which, while not justifying the formal procedure of a hearing before the Subcommittee, can hardly, in the interests of sound dispensing, be passed over without comment, and in such instances the clerk has been instructed to point out to the pharmacist that the error should be avoided in the future. Cases are appended :—(1) Standard dressing No. 2 was supplied according to the old standard, the wool lacking "neppiness" and was of yellowish colour, and the bandage "grey," not "bleached." The chemist inadvertently supplied this sample from old stock. (2) In mist. acid. amara, acid. hydrochlor. dil. was 21.3 per cent. deficient in strength. The chemist was asked to examine his stock, and agreed that the error did exist and was probably exaggerated by the hardness of the local tap water. (3) The ammon. carb. of mist. alk. amara was 16.9 per cent. in excess. It was pointed out to the chemist that the excess was somewhat high, and he was invited, for his own satisfaction, to investigate the cause. (4) Mist. acid. amara showed a deficiency of acid. hydrochlor. dil. of 18.4 per cent. (5) Excess of mag. sulph. in mist. ferri lax. was 9.8 per cent., but as this presented an excess of approximately 55 grains, the opinion was expressed that greater accuracy in weighing should be obtained. Grains ordered 480; grains supplied 534.7. (6) Mist. buchu co. contained 10 per cent. excess of pot. bicarb. (22 grains). The chemist was informed that greater accuracy should have been obtained. (7) Flannel bandage 2½ yards by 4 inches. Deficiency in dimensions 9½ in., weight 7 per cent. Chemist asked to examine his stock. The following is a summary of the cases heard by the Pharmaceutical Service Subcommittee :—(A) Mist. quininæ : The excess of quin. sulph. was 30.7 per cent. (or 24.1 if effloresced salt was used), and of acid. sulph. dil. 7.6 per cent. The quinine represented an excess of 9 or 7 grains. (B) Mist. carminativa : The excess of sod. bic. was under 2 per cent., but the excess of mag. carb. levis was 34.4 per cent., or 61 grains. (C) Mist. alb. : No error in mag. sulph., but 14 per cent. deficiency (18 grains) in mag. carb. levis according to the Committee's analysts, and 7 per cent. (10 grains) according to the chemist's analysts. (D) Mist. alb. : The error in the mag. sulph. was negligible, but with mag. carb. levis there was 56 per cent. deficiency (91 grains). The formula of the B.P.C. had been used. In Case A one guinea was deducted from the chemist's remuneration, the cost of the analysis and the decision of the Committee was upheld by the Ministry of Health. In cases B and D the chemist was informed that the prescription should have been more accurately dispensed. A decision of the department is awaited in case D. In case C no action was taken.

Southport.—At a meeting of the Insurance Committee, on September 18, Mr. J. Righton, chemist and druggist (vice-chairman), presiding, it was reported that during July and August chemists' accounts had been passed totalling £223 15s. 11d. and £249 16s. 5d. The Pharmaceutical Service Subcommittee reported that under the scheme for testing drugs and appliances six cases had been examined. In two cases the reports were of a nature to require consideration. One chemist was unable to offer any explanation as to how the mistake had arisen. The second chemist said that whilst he was making out the prescription he was called away to a customer, his attention was distracted, and the mistake made. In both cases the Committee found that the chemist had no intention of acting dishonestly, and they were reprimanded.

Worcester.—The Ministry of Health has increased from £5 to £30 the amount of the penalty which the City Insurance Committee suggested should be imposed on Dr. Spalding, a local panel practitioner (*C. & D.*, September 8, p. 318). The doctor had appealed against the recommendation that £5 should be deducted from his remuneration for excessive prescribing. The Minister's letter, received by the Committee, says that he had had regard to the gravity of some of Dr. Spalding's statements. One was that he (Dr. Spalding) would welcome an inquiry because it would do him good with his insured patients, and that when he got a new patient from another doctor it was necessary to give some different treatment "in order to score off the other."

Legal Reports

Plaintiff Fails to Appear.—At Tipperary, recently, John Ginivan, Galbally, sued Mr. Morgan D'Arcy, Ph.C., Main Street, Tipperary, to recover the sum of £80 as damages said to result from the use of a bottle of hair wash purchased from the defendant, which, the plaintiff alleged, caused a certain disease to his head and made his hair fall off. When the case was called the plaintiff's solicitor said: "I am sorry to say that my client has disappeared." Mr. James F. D'Arcy, solicitor for the defendant: "My client is here to meet the case. It is very annoying that it should have gone forth that he is selling a spurious hair wash that makes the hair fall off instead of making it grow." The judge dismissed the case, allowing £5 5s. expenses.

Trade-Mark Dispute.—In the Chancery Division of the High Court, London, on October 26, Mr. Justice Eve heard an application by Julien Freiss, Lausanne, trading as La Wilma, to remove from the Register of Trade Marks the mark "Le Vampire," registered by Elaine Inescort, trading as Blanche Verlaine, now Mrs. de Windt. Mr. Bray, for the applicant, said that this was a case in which an importer had registered in this country the trade mark of a foreign manufacturer who was the patentee of a rubber roller for body massage. The respondent was appointed by Mr. Freiss sole agent for the sale of the rollers in this country, although there was no contract. Mr. Swann, for the respondent, said it was open to anyone in this country to obtain valid registration of a mark which happened to be the mark of a foreigner. The respondent had built up a valuable business in this country, and in order to protect herself, as she had no contract, she had registered the mark. It would be astonishing if, although she had built up the business, Mr. Freiss could step in and say: "You are not entitled to use the word 'Vampire' because I am the owner of it, and you are not going to sell rollers under that name." Counsel submitted that the word "Vampire" here had become exclusively associated in this country with the name Verlaine and not Wilma. The respondent set out with the object of creating for herself a goodwill which Mr. Freiss had neglected to obtain for himself. His lordship reserved judgment.

New Companies
and Company News

P.C. means Private Company and R.O. Registered Office.

WHITEGATE PHARMACY, LTD. (P.C.).—Capital £100. Objects: To carry on the business of chemists, druggists, opticians, drug-store proprietors, etc. The directors are Mrs. E. Milne and O. Milne. R.O.: 37 Whitegate Drive, Blackpool.

CRAVEN & CO. (LIVERPOOL), LTD. (P.C.).—Capital £500. Objects: To carry on the business of chemists and druggists, dentists and opticians, etc. The directors are: Lucy Craven and Sydney Craven. R.O.: 23 Netherfield Road North, Liverpool.

A. V. ISON & CO., LTD. (P.C.).—Capital £2,000. Objects: To carry on the business of chemists and druggists, etc. The directors are L. F. Goodricke, Lt.-Col. E. H. Sharman, and A. V. Ison. R.O.: 16 Albemarle Street, W.1.

"CELLENOID," LTD. (P.C.).—Capital £100. Objects: To carry on business as manufacturers of, and workers in, celluloid, erinoid, cellenoid or any other similar materials, etc. The directors are W. H. Russon and R. Henderson. Secretary: H. L. Ledbury-Moore.

SOLUBLE OIL PRODUCTS, LTD. (P.C.).—Capital £500. Objects: To carry on the business of manufacturing, pharmaceutical, analytical and advising chemists, druggists, drysalters, etc. The provisional directors are E. Duerr and L. F. Cooper. Solicitor: C. Crowther, 23 Abingdon Street, Westminster.

LONGLEY WADDING CO., LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of wadding, cotton-wool and surgical-dressings manufacturers, cotton and cotton-waste merchants, etc. The subscribers are H. Longley and H. Wachs. Solicitors: Barlow, Barker & Co., 1 Princess Street, Manchester.

MEYRICK & DAVIES, LTD. (P.C.).—Capital £1,000 in £1 shares. Objects: To carry on the business of wholesale and retail chemists and druggists, perfumers, photographic dealers, tobacconists, hairdressers and confectioners, etc. The directors are J. M. Davies and Mrs. Marion E. Davies. R.O.: Wilton Court Pharmacy, Bexhill-on-Sea.

SPECIFICS, LTD. (P.C.).—Capital £1,000. Objects: To acquire remedies, drugs, patent and other medicines, medicaments, proprietary or other articles adopted or expected to produce a specific effect, and to carry on the business of chemists and druggists, etc. The subscribers are H. Hess and Dora L. Carter. R.O.: 19 Devereux Court, Strand, W.C.2.

MANIE'S CHEMISTS, LTD. (P.C.).—Capital £400. Objects: To carry on the business of wholesale and retail chemists, dentists, opticians, dental mechanicians, druggists, drysalters, oil and colourmen, etc. The directors are M. Shnaidman, 71 Church Street, Shoreditch, E., butcher, and Mrs. E. Shnaidman. R.O.: 97 St. Ann's Road, South Tottenham.

CAPPING MACHINES, LTD. (P.C.).—Capital £100. Objects: To acquire from L. G. Davies the benefit of an existing invention relating to a machine for capping or sealing or otherwise affixing lids or caps or other coverings to jars, containers and the like, etc. The permanent directors are L. G. Davies and W. W. Lathom. R.O.: Station Buildings, Wealdstone, Harrow, Middlesex.

JESSOP'S DRUG STORES, LTD. (P.C.).—Capital £250. Objects: To acquire the business of a drug and general stores proprietor and dealer in wines and spirits now carried on by G. T. Mitchell at High Street, Brownhills, near Walsall, as "Jessop's Drug Stores." The permanent directors are G. T. Mitchell and Mrs. Phillibert Mitchell. Solicitor: H. Woodroffe Hill, Wolverhampton.

RICHARDSONS (OPENSHAW), LTD. (P.C.).—Capital £500. Objects: To acquire the business of chemists and druggists carried on at 313 Ashton Old Road, Lower Openshaw, Manchester, and to carry on the same and the business of opticians, drug-store proprietors, etc. The directors are J. A. Richardson and A. A. Wilson. R.O.: 313 Ashton Old Road, Lower Openshaw, Manchester.

WILLIAM CHALLICE, LTD. (P.C.).—Capital £1,000 in £1 shares. Objects: To acquire the business now carried on by G. N. Challice at 3 Villiers Street, Charing Cross, London, W.C., as William Challice, and to carry on the business of chemists and druggists, etc. The directors are G. N. Challice (permanent chairman), Annie Challice, and G. J. Harries, M.P.S. R.O.: 9 St. Leonard's Avenue, Hayling Island, Havant, Hants.

JOHN BRUCE (CHEMISTS), LTD. (P.C.).—Capital £300 in £1 shares. Objects: To carry on the business of chemists and druggists, opticians, drug-store proprietors, patent-medicine proprietors and vendors, wine and spirit merchants, stationers, dealers in photographic and wireless apparatus, etc. The directors are J. Lawrenson, chemists' assistant, and Ann Elvin, confectioner. Qualification, one share. R.O.: 30 South Street, Isleworth, Middlesex.

HERBAL SIMPLES, LTD. (P.C.).—Capital £1,600 in £1 shares. Objects: To carry on the business of manufacturers, merchants, agents, exporters and importers, herbalists, herb culturists, agriculturalists, market gardeners, farmers, patent-medicine dealers, and manufacturers of herbal remedies of all kinds, etc. The subscribers (each with one share) are N. T. Salmon, architect and surveyor, and A. J. Foster, managing clerk. Solicitor: C. B. Osborne, The Downs, Purley Bury Avenue, Purley.

PARFUMS MARCEL GUERLAIN, LTD. (P.C.).—Capital £5,000. Objects: To carry on the business of sole and exclusive agents for the sale of perfumes, cosmetics, toilet requisites and other commodities manufactured by Parfums Marcel Guerlain Société Anonyme of Suresnes, France, for the territories of Great Britain and Ireland

(including the Irish Free State), New Zealand and Australia, and to adopt an agreement with that company for the appointment of this company as such agents. The subscribers are A. Gill and Grace Farmer. R.O. : Regent Arcade House, 252/260 Regent Street, W.

ASHWORTHS (CHEMISTS), LTD. (P.C.).—Capital £4,000. Objects : To acquire the business of pill manufacturers and distributors now carried on by Ellen Ashworth, R. Ashworth, Elizabeth Ashworth, Joseph Ashworth, David Ashworth, Francis H. Ashworth, J. J. Ashworth, and A. R. Sidebottom as the "Ashworth Manufacturing Co." at Accrington, Lancs, and in particular to acquire the recipes, formulæ, prescriptions and full information as to the process of manufacture of the said pills, etc. The directors are J. Sidebottom, A. R. Sidebottom, and D. Ashworth. R.O. : 72 Waterloo Road, Blackpool.

Private Arrangements

William Ivor Jones, 29 Woodcock Street, and 11 Glencoe Street, Hull, chemist and druggist. The creditors interested were called together recently at the offices of J. H. Scott & Co., accountants and auditors, Bowlalley Lane, Hull, when a statement of affairs was submitted which showed liabilities of £472 3s. 9d., of which £442 3s. 9d. was due to unsecured creditors. In addition, there were partly secured creditors for £122 9s. 1d., holding securities valued at £92 9s. 1d., leaving £30 to rank as unsecured. The assets consisted of stock £200, and a book debt £8 10s., making a total of £208 10s., from which preferential claims of £6 8s. 6d. had to be deducted, leaving net assets of £202 1s. 6d., or a deficiency of £270 2s. 3d. It appeared that the debtor commenced business in December 1927 without capital, and purchased the Woodcock Street business for £200, which he borrowed from relatives. The takings had only averaged about £12 weekly. The partly secured creditors were the bank, who held as security a policy on the debtor's life. A deed of assignment had been executed in favour of Mr. E. P. Dutton, of J. H. Scott & Co., and after discussing the position, the creditors unanimously resolved to confirm the deed with Mr. Dutton as trustee. The following are creditors :—Brook, Parker & Co., Ltd., £10; Burgoyne, Burbidges & Co., Ltd., £35; The British Drug Houses, Ltd., £18; Cuxson, Gerrard & Co., Ltd., £10; Rowland, James I., £26; Lofthouse & Saltmer, Ltd., £38; May, Roberts & Co., Ltd., £19.

Hall & Provan, 43 South Lane, Rochdale, manufacturing chemists.—A meeting of the creditors was held recently when a statement of affairs was submitted which showed liabilities of £1,840 14s. 9d. The indebtedness to the trade was £1,424 1s. 5d., and there were cash creditors for £416 13s. 4d. The assets were estimated to realise £1,848 11s. 8d., from which had to be deducted £48 16s. 7d. for preferential claims, leaving net assets of £1,799 15s. 1d., or a deficiency of £40 19s. 8d. The assets comprised stock in trade, £1,000; book debts, £769 18s. 10d., estimated to realise £712 3s.; cash in hand, £28 9s. 2d., and fixtures and fittings £107 19s. 6d. It was stated that the partnership was commenced in December of last year with a capital of £582. The partners then agreed to take over a business which had been in existence for a number of years, the purchase price being £600 for the stock, fixtures and fittings. The debtors anticipated that they would be able to obtain additional capital, but were unable to do so, and were seriously handicapped as a result. Proper accounts had been kept, and it appeared that between December 17, 1927, and September 15 last the sales were £4,029, the net profit being £233. The drawings for the same period were £4 10s. a week for each of the partners, or a total of £360. The debtor Provan possessed neither separate assets nor liabilities, but his partner had a quantity of household furniture and a life policy of the surrender value of about £25. During the discussion sympathy was expressed with the debtors. No offer was forthcoming, and it was decided that the estate should be dealt with under a deed of assignment, with Mr. A. A. York, accountant, Manchester, as trustee.

Stock Exchange Prices

£1 Shares unless otherwise stated	Dec. 30 1927	Sept. 28, 1928	Oct. 30, 1928
	s. d.	s. d.	s. d.
Allen & Hanburys, 7% Prefd. Ord.	20 6	20 6	21 0
Amalg. Dental Co., 8% Prefd. Ord.	18 9	22 3	21 9
„ „ Deferred 5s. ..	4 9	6 3	5 9
Apollinaris and Johannis, Ord. £1 ..	10 0	13 6	12 6
Ayrton, Saunders & Co., 7½% Pref.	16 0	15 6	15 0
Beechams Pills, Deferred 1s. shares	—	4 9	4 9
Benger's Food, Ord.	35 3	37 9	38 0
Boakc (A.), Roberts & Co., 5% Pref. £10	£8½	£7	£7
Boots Pure Drug, Ord.	127 6	140 0	137 6
Boots Pure Drug, 7% "A" Prefd. Ord.	23 9	23 7½	23 6
Boots Cash Chemists (Southern), 6% "A" Pref.	21 9	21 7½	21 6
Borax Consold., Defd. Ord.	26 9	25 3	23 3
Bovril, 6% Pref.	21 9	22 0	22 0
„ Ord.	25 0	24 0	24 0
„ Defd.	44 6	43 0	41 6
British Celanese, Ord.	90 0	53 9	52 6
„ „ 7½% Pref... ..	33 9	17 6	17 9
British Cyanides, Ord., 2s. shares ..	3 10½	5 6	4 9
British Drug Houses, The, Ord. ..	16 9	21 9	23 9
British Glues and Chemicals, Ord. ..	4 3	5 3	5 0
„ „ „ 8% Pref. ..	13 6	18 9	18 9
British Oil and Cake Mills, Ord. ..	30 0	32 0	31 6
British Oxygen, Ord.	29 6	34 6	33 9
British Photo. Indus., 6% Cum. Pref.	14 0	16 0	15 6
Bush (W. J.) & Co., 5% Pref. £5 ..	62 6	65 0	65 0
Cadbury Bros., 6% Pref.	23 0	22 6	22 3
Callard, Stewart & Watt, Ord. ..	45 0	41 3	41 3
Crosfield (Joseph) & Sons, 6½% Pref.	20 0	21 9	21 3
Dubarry Perfumery, Ord. 1s. ..	10 0	9 0	9 0
„ „ 7½% Pref. ..	21 3	20 6	20 9
Eastman Kodak Com. (no nom. value)	$168	$183	$189
Evans Sons Lescher & Webb, Ord. 6s 8d. shares	5 3	4 3	4 3
„ „ 6% cum. part. Pref.	5 7½	5 3	4 9
Field (J. C. & J.), Ord.	12 0	13 0	12 6
Gossage (William), 6½% Pref. ..	19 0	21 6	21 0
Grout & Co., Ord.	52 6	33 0	32 6
Heppells, 7% cum. partic. Pref. ..	15 0	17 6	17 6
Hodders, Ord. 1s.	1 0¾	1 1½	1 1½
Idris & Co., "A" Ord.	20 0	21 3	22 6
Ilford, Ltd., Ord.	35 0	50 0	48 9
„ 6% Pref.	19 6	19 9	19 6
Imperial Chemical, 7% Pref. ..	25 0	26 0	26 1½
„ „ Ord.	32 0	41 6	39 3
„ „ Defd. 10s. ..	9 9	15 6	14 6
Intern. Sponge Importors. 6% Pref.	10 0	10 0	10 0
Kent (G. B.) & Sons, 5½% Pref. ..	11 3	11 3	11 3
Knight (John), 25% Prefd. Ord. ..	63 9	70 0	70 0
Laporte (B.) & Co., Ltd., Ord. ..	17 6	17 6	12 6
Lever Bros., Ltd., 7% Pref. ..	20 10½	23 6	23 0
„ „ 8% Pref. ..	20 10½	23 0	23 0
„ „ 20% Prefd. Ord. 5s.	11 3	12 4½	12 6
Liebig's Ext. of Meat, Ord. £5 ..	£16½	£19¼	£16½
Mellin's Food, 6% Pref.	13 0	12 0	13 0
Mond Nickel Co., Ord. 10s. shares ..	162 6	126 3	128 9
„ „ 7% Cum. Pref. ..	26 0	26 3	26 0
Nathan (Joseph) & Co., 7% Pref. ..	15 3	16 6	16 6
„ „ „ 8% Prefd. Ord.	8 0	7 6	7 6
National Drug and Chemical Co. of Canada, 6½% Pref.	6 0	7 3	7 3
New Transvaal Chemical Co., 6% Prof.	18 6	20 3	20 6
„ „ „ 8% Pref.	22 6	23 3	23 6
Salt Union, Ord.	39 0	45 3	43 9
„ Pref.	33 9	34 6	34 0
"Sanitas," The, Co., 9% Pref. ..	22 6	26 3	27 0
Sanitas Trust, 10% partic. Pref. ..	23 0	25 0	25 0
Schweppes, Ltd., Ord.	25 0	32 0	32 6
„ „ Defd.	53 3	56 0	56 6
Smith (Stephen) & Co., Ord. 5s. ..	11 0	9 3	7 9
Southall Bros. & Barclay, Ord. ..	81 6	96 3	96 3
„ „ „ 5% Pref.	18 6	18 6	18 6
Spratt's Patent, Ord.	50 0	63 6	62 6
Stevenson & Howell, 6¼% Cum Pref.	20 0	20 0	20 0
Taylors (Cash Chemists) Trust, 7½% Cum. Pref. Ord.	19 0	20 9	20 9
„ „ „ 1s. Defd.	7 9	7 0	6 7½
United Glass Bottle Man., 6% Mt. Deb. Stk., £100	£95½	£95	£99
Venesta, Ltd., Ord.	11 6	8 9	10 0
„ 7% Pref.	16 3	15 0	15 6
Veno Drug Co., 8% Pref.	19 6	19 3	19 0
Virol, Ltd., Ord.	105 0	102 6	100 0
„ 7% Pref...	22 9	22 3	22 6
White (A. J.), Ltd., Ord. 10s. ..	10 6	12 6	12 6
White (Timothy), 7½% Prefd. Ord.	—	21 0	21 0
„ „ 1s. Defd. Ord. ..	—	3 10½	3 9
Wright, Layman & Umney, 6% Pref.	18 9	20 0	20 0

Associations' Winter Session

Belfast.—A meeting of the general committee of the Chemists' and Druggists' Society of Ireland was held at 11 Waring Street, Belfast, on October 16, when there were present Messrs. Fred Storey (president, in the chair), S. Gibson (treasurer), W. Martin, J. Macauley, D. Taylor, W. J. Rankin, S. Suffern, S. McDowell, T. Gordon and J. Moffet (secretary). The president said that since their last meeting Mr. C. B. Abernethy, one of the committee, had undergone a severe operation, and it had been successful. He proposed that a letter be sent expressing their sympathy and wishing him a speedy recovery. This was seconded by Mr. Macauley and agreed to. The question of the amalgamation of the three societies was discussed, and the secretary reported that he and the president had attended two meetings. At the last meeting it was arranged that three members from each society be appointed to form a subcommittee to draw up a constitution and rules. Mr. Storey, Mr. Gibson and Mr. Moffet were appointed. The president said he would like to draw their attention to the fact that all the examinations for registered druggists, Parts 1, 2 and 3 under Schedule 2, ceased in June 1930, five years from the passing of the Act, and urged all those who intended taking the examinations to do so at once. Classes were being held for all the subjects.

Edinburgh.—The annual general meeting of the Edinburgh and District Chemists' Trade Association was held at 36 York Place on October 26, Mr. George Hall (vice-president) in the chair. Mr. James Adamson (secretary) submitted the annual report. Matters dealt with during the year included steps to stop infringements of the Early Closing Order. Action had also been taken in regard to the supplying by wholesale houses of drugs and medicines to employees in a way which interfered with ordinary retail business. Further steps had been taken in connection with the child welfare scheme of the public health department in cases reported of patients who had been supplied with medicines, although they were in a social position enabling them to obtain all such supplies in the ordinary way from retail chemists. The annual Burns dinner had been successful, and they were able to forward £10 6s. 6d. to the Society's Benevolent Fund. In this way they were able to acknowledge the courtesy of the Society and its staff in giving them facilities for holding meetings of the Association in the Society's House in Edinburgh. The report suggested that the Association might endeavour to arrange regular monthly meetings for the discussion of business methods, advertising expedients, income-tax problems, and other practical questions. Mr. G. Hedderwick (treasurer) submitted the financial statement, showing a balance in hand of £42 15s. The chairman made sympathetic reference to the death of Mr. D. N. Wylie. The following officers were elected :—*President*, Mr. George Hall; *Vice-President*, Mr. Archibald Currie; *Secretary*, Mr. James Adamson, 18 St. Mary Street; *Treasurer*, Mr. George Hedderwick; and *Committee*, Miss Boag and Messrs. Chalmers, Girdwood, Heddle, Mitchell, Muir, Noble and Wright.

London (N.).—The opening meeting of the North London Pharmaceutical Association and Pharmaceutical Society's Branch was held on October 23 at the North Library, Holloway. The president (Mr. R. H. L. Watson) occupied the chair. The first business of the meeting was to elect officers for the ensuing year, only one change being made in local representation. A lecture on *Biological Products* was given by Dr. Stanley White. The lecture was illustrated by cinematograph reels and slides showing the methods used in producing biological products. Questions were put to Dr. White. A vote of thanks to the lecturer was proposed by the president and seconded by Mr. Herbert Skinner.

Reigate.—The combined annual meeting of the Reigate, Redhill and District Pharmacists' Association and local branch of the Society was held at Redhill on October 24. The meeting was well attended. Mr. W. J. Bush was elected *President* for the ensuing year, and Mr. E. S. Feltham *Vice-President*. All the other officers were re-elected. The sum of £2 2s. was voted to the Benevolent Fund and £1 1s. to the Orphan Fund. The reports of the cricket and bowls captains respectively recorded a very active season, and drew attention to the influence the sporting events were having in promoting friendship between members and those of neighbouring associations. A discussion took place over a resolution put forward with a view to securing the nominations for elections to the Council. The following resolution was carried by a large majority: "That this Association urgently requests the Council of the Pharmaceutical Society when next amending the by-laws to provide that, at future elections, only those nominations which are officially supported by a local branch of the Society shall be accepted."

Thames Valley.—The annual general meeting of the Thames Valley District Pharmacists' Association was held at Kingston-on-Thames on October 24, the president (Mr. Alfred Higgs) in the chair. The secretary (Mr. E. L. Slade), in presenting the annual report, said the attendance at the meetings during the year had been up to the average of previous years; their dinner was very successful, and they were now in possession of a presidential badge of office, which had been subscribed for by the members of the Association. The treasurer (Mr. E. F. Minter) said that the financial position was good. He thought it would be a convenience to have one set of accounts for the Association and the Branch of the Pharmaceutical Society. A resolution to this effect was carried. The following are the officers for the ensuing year :—*President*, Mr. H. S. Durbin, Surbiton; *Treasurer*, Mr. A. F. Clarke, Surbiton Hill; *Auditor*, Mr. C. J. Palmer, Twickenham; *Secretary*, Mr. E. L. Slade, Surbiton; *Committee*, Messrs. Thomas (Kew), Evans (Kingston) and Howells (Richmond). The annual dinner was fixed for January 30, 1929, at the Restaurant Frascati, London. Mr. Clement gave particulars of the Chemists' Sickness and Provident Society.

College Notes

Cardiff Technical College

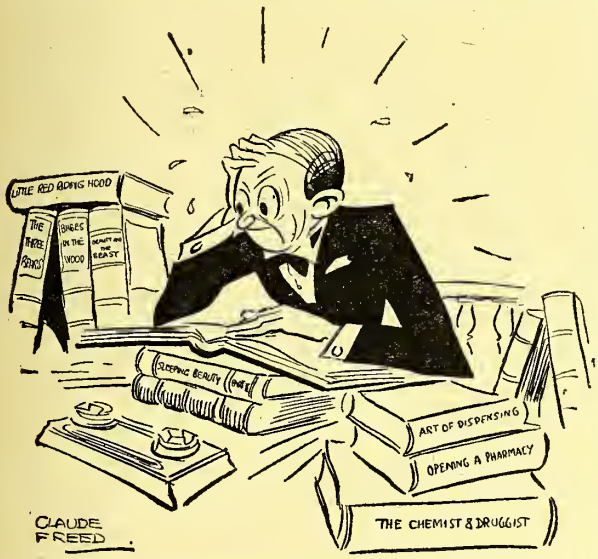
THE vice-president of the Pharmaceutical Society of Great Britain (Mr. L. Moreton Parry) delivered the sessional address to the Welsh College of Pharmacy at the Technical College, Cardiff, on October 24. The chair was taken by the Lord Mayor of Cardiff, who is also chairman of the Technical College Committee. Principal Charles Coles, in his report, said that last year was noteworthy, because for the first time students were prepared for the new Bachelor of Pharmacy degree of the University of London. The enrolments for the present session totalled 130, compared with 116 last year. The Principal paid a high compliment to Mr. Lewis (head of the department) and his staff for their work throughout the year. The prizes and medals were presented by Mr. Parry as follows :—

T W. Thomas.—"Major" prize, presented by the Council of the Pharmaceutical Society of Great Britain.
R. Augustin.—Dispensing prize, presented by Mr. A. S. Johnson.
G. Hosking.—Presented by Mr. Francis D. Phillips.
B. L. Rubenstein.—Presented by the president of the Cardiff Pharmacists' Association.
H. R. Williams.—Presented by Mr. F. W. Gamble, London.
J. Sherwood.—Bronze medal, presented by the South Wales Section of the Retail Pharmacists' Union.
Eileen Melville.—Silver medal, presented by the South Wales Section of the Retail Pharmacists' Union.
V. L. Morgan.—Hagon medal.

Mr. Parry, in an eloquent address, said that they had in Cardiff one of the best—if not the best—of the modern types of schools. Mr. Lewis was a man whose heart and soul were in his school. The Council of the Pharmaceutical Society had appointed a committee of experts to again consider the regulations and the examinations syllabus, and they would go thoroughly into the whole question. The oral would be done away with and a written examination introduced. Councillor H. M. Lloyd proposed a vote of thanks to Mr. Parry, and a vote of thanks to the Lord Mayor was proposed by Mr. A. S. Johnson.

Christmas Windows

THERE are many display accessories which are particularly applicable to the Christmas window, and the chemist who has not already made preparations will be well advised to give the matter serious attention without delay. For "frosty" or "snowy" windows, a stock of mica "snow," white confetti, and cotton wool should be obtained, also artificial holly, ivy, fir, and mistletoe, for a few sprigs of these help to inculcate a Christmas "atmosphere" into the window or interior display. Crepe paper is an invaluable aid to Christmas window dressing, and may be had in many varieties from firms specialising in display requirements. A few festoons, fringes, borders, streamers, rosettes, and the like, do wonders towards brightening up the window and introducing a seasonable setting. Some chemists find it a good plan to have a special section of the window, or, in the case of the large shop, one whole window devoted to the exhibition of lines which make suitable presents. Where such a feature is introduced, the advantage of useful presents should be emphasised by



THE CHRISTMAS DISPLAY PROBLEM

the introduction of suitable selling talk. For example, showcards might be attached to such articles, bearing the messages: "A present which will be in constant use," "What could be more suitable for a girl friend?" "A practical gift for a man," or words of similar purport. This sort of appeal will attract shoppers on the look out for suitable presents, at a time when they are quick to respond to practical buying suggestions. For those who make a practice of having a special sale for a week or two preceding Christmas, posters and tickets are available in a variety of colours and sizes. The posters may appropriately be used on wooden constructions available as temporary hanging signs, which can be hung at each end of the window on a bracket attached to the side frame or wall.

Many chemists already employ hanging signs outside their shops, and these might be removed temporarily and replaced by a special Christmas sign. If there is a convenient window above, an iron bracket can be attached to the side member of the front, and iron wire braces fixed, one each side of the window, to eyelets screwed in the frame. The screw holes supporting the wooden construction on which the Christmas poster is pasted should have bolt shanks, otherwise they may pull out and cause the sign to fall and possibly injure a pedestrian. A metal curtain-pole end gives a finish to the bracket, and sprays of artificial holly may be twined round the framework. In conjunction with these posters outside, it is a good plan to employ holly paper bordering around the plate glass inside the windows. Silver tinsel circles can be hung at intervals in conjunction with strings of brilliant-coloured tinsel. Paper chemille ropes or feather edge fireproof crepe paper festoons make a very pleasing and attractive decorative setting or surround for the window. Strips of artificial holly may be obtained in 36-inch lengths. Sprays of holly and mistletoe are also available in similar quantities, moss can be purchased in packets, while a special kind of artificial frost is procurable in sixpenny boxes. Other decorations specially suitable for the Christmas window are obtainable in the form of strips of paper icicles to hang from the edge of glass or wooden shelves. These are supplied in two sizes. Powdered frost sprinkled on this adds a still more realistic touch. The effect of falling snow can be given to a display by taking little tufts of this wool and tying them at 2 or 3-inch intervals on to lengths of thread or cotton. These lengths of snowflakes should be tied to a length of thread or cotton across the top of the window and fastened in a similar way to a length running across the base of the window. This is preferable to the more general practice of tying each vertical thread to a drawing pin or nail stuck in the ceiling and floor of the window. In addition to obtaining such special accessories as those already described, the chemist should give attention to his existing display fittings—brackets, hooks, counter stands, shelves, showcases, and the like. It is as well to make a rough inventory of those available, and to consider this carefully in relation to the special trade for which he is preparing and the additional number of goods which it is his intention to display. If he decides to wait and see how the extra displays "pan out" with his present fittings and display sundries, he will probably find that they will not "pan out" at all. Both interior shop planning and window display need careful planning and preparation before rush periods commence. Is the lighting installation adequate, and are the units spaced at sufficient intervals to cope with the display of extra goods and to show them to best advantage? It may be advisable to have more powerful units installed or a few additional fittings in the darkest corners. Extra sundries in the way of showcards, window cards, labels, wrapping paper, carrier bags, string, gummed tape, and so on may be advisable. It is as well to give an eye to these matters just before the Christmas shopping actually commences. It is fatal to run out of stock of these accessories during the busy shopping period. The manufacturers are always hard pushed at this time and a sudden order may not meet with the prompt attention which is given to orders received during normal periods. A final important point in regard to Christmas displays is that the decorations must not be overdone. In no position should they be introduced at the expense of the goods themselves. They are a means to an end and not an end in themselves, and they should, therefore, be regarded as purely incidental features. Particularly does this apply to chemists' shops, where it is imperative that the professional atmosphere shall be apparent whatever the season.

Recent Patents

Abstracts of specifications of recently-granted patents for inventions. The complete specification (1s. each including postage) of any British patent can be obtained from the Patent Office, 25 Southampton Buildings, London, W.C.2, on quoting the name of the patentee and the number of the patent.

White Lead.—A process of forming white lead which comprises spraying a mixture of acidulated water and powdered anhydrous lead oxide or litharge through an atmosphere of carbon dioxide, collecting the mixture and repeating the spraying until all the litharge is corroded and non-crystalline particles of substantially uniform hydration and carbonation are produced of composition $2PbCO_3.Pb(OH)_2$. (Bailey & Austin, New York. 273,287.)

Captive Cap.—An undetachable screw cap for collapsible tubes or other containers in which the upper part of the cap is vertically hinged to the lower part and adapted, when the cap has been unscrewed sufficiently to free the upper part from the nipple of the container, to be swung in a horizontal plane about the vertical hinge to uncover completely the opening in the top of the container. (M. W. & G. F. Hawksford, Sydney, N.S.W. 280,222.)

Glyn-Jones Memorial

A MEETING of the Glyn-Jones Memorial Committee was held at 17 Bloomsbury Square, London, W.C.1, on October 24, Mr. H. Skinner in the chair. The following members were present :—Messrs. H. P. Arthur, H. E. Chapman, J. E. French, D. Lloyd Howard, G. A. Mallinson, H. J. Martin, A. R. Melhuish, P. F. Rowsell, F. J. Smith, A. T. Tyler, E. A. Umney, and H. N. Linstead (secretary).

The Committee decided that it would help the appeal if the objects for which the money was to be used were more precisely defined than had been done hitherto. They had learnt with pleasure that generous provision had been made for Lady Glyn-Jones by the Proprietary Articles Trade Association and also by the Pharmaceutical Society. The Committee felt, however, that there was one direction in which assistance from the Fund would be appropriate, and they accordingly decided that it shall be an instruction to the trustees to be appointed that provision out of the income from the Fund shall be made for completing the education of the second son of the late Sir William Glyn-Jones.

The Committee then proceeded to discuss the main uses to which the fund should be put, and passed the resolutions set out in the following letter. The secretary was instructed to take the necessary steps to make the appeal known to the Canadian drug trade. The Committee left to the chairman the summoning of its next meeting, which was provisionally fixed for the month of January.

We have received the following letter :—

SIR,—In May last you published a letter from us making an appeal for a Memorial Fund for the late Sir William Glyn-Jones. Certain general suggestions were made in that letter as to the objects for which the money subscribed should be used. It was, however, suggested to us from many quarters that more definite proposals for the memorial should be made. This question has now been considered by the Committee in charge of the appeal, as the result of which the following proposals have been made—

(*a*) That the appeal of a Glyn-Jones Memorial Fund be continued with the object of raising a sum of £10,000.

(*b*) That a Trust Deed be drawn up and the Fund be administered by Trustees.

(*c*) That the Fund be used at the discretion of the Trustees towards the support and/or education of necessitous young persons or orphans connected with pharmacy, the Trustees being at liberty to use any portion of the surplus income for the higher pharmaceutical education of approved persons.

We may add that it is proposed that provision shall be made out of the income of the Fund for completing the education of Sir William Glyn-Jones's second son.

The objects of the Fund having now been settled, we confidently renew the appeal. £10,000 is only a fraction of the money which the drug trade owes to Sir William Glyn-Jones. Once again we ask every section of the trade, retailers, wholesalers and manufacturers—every firm and every individual who has benefited by Sir William's work—to make the success of this appeal a personal duty. The memorial should be worthy of the man and worthy of the organisations by which it is being raised Subscriptions should be sent to 17 Bloomsbury Square.

We are,
Yours faithfully,
(Sgd.) HERBERT SKINNER, President of the Pharmaceutical Society of Great Britain;
HARVEY P. ARTHUR, Chairman of the North British Executive;
ALFRED HIGGS, President of the Proprietary Articles Trade Association;
J. E. FRENCH, Chairman of the Chemists' Defence Association;
D. LLOYD HOWARD, Chairman of the Drug and Fine Chemical Manufacturers' Association.

Trade-mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1928, p. 329.

(From "The Trade-marks Journal," October 10, 1928.)

"REGELAX"; for medicinal chemicals (3). "REGESAN"; for perfumery, etc. (48). By Boots Pure Drug Co., Ltd., 37 Station Street, Nottingham. 489 454/471. (Associated.)

"TONTE"; for medicinal chemicals (3) and for food substances (42). By Caulin & Co., 28 Willes Road, Leamington Spa. 492,755/756. (Associated.)

"THYANGOL"; for all goods (3). By J. Thilo, 15 Weisenaustrasse, Mainz, Germany. 493,331.

"VITAPLEX"; for medicines and medicinal oils (3). By The Vitaplex Co., "Holmlea," 329 Hyde Road, Gorton, Manchester. 493 686.

"ICENIA"; for medicinal chemicals (3). By Hedges (Chemists), Ltd., 10 Dale End, Birmingham. 493,810. (Associated.)

"LUNA"; for surgical instruments, etc. (11). By Madame Josephine, Ltd., 30-31 Central Buildings, Southwark Street, London, S.E.1. 492,645.

"EGMEL"; for goods (42). By F. W. Hampshire & Co. (1927), Ltd., Riverside Works, Silk Mill Lane, Derby. 492 033. (Associated.)

"UNIFOOD"; for food substances (42). By United Food Producers, Ltd., 70A Basinghall Street, London, E.C.2. 492,909.

"NUTRAVITE"; for a cocoa food (42). By S. Legg, 3 Waterloo Street, Hove, Sussex. 493,121.

Picture of lady in Old English costume using distilling apparatus; for all goods (48). By Charlotte Bond, 8-12 Brook Street, London, W.1. 483,902.

"THE DEMOISELLE (Calopteryx Virgo)" under picture of dragon-fly; for face creams, face powders and lipsticks (48). By A. C. W. Hanson, 143 Rosebery Avenue, London, E.C.1. 485,420.

"JAZMIN DEL PAIS"; for a jasmin scented soap (48). By The Crown Perfumery Co., Ltd., Royal Liver Building, Pier Head, Liverpool. B490,219.

"ENZEL"; for perfumery, etc. (48). By Société Anonyme Enzel, 19 Rue Louis-le-Grand, Paris. 492.277. (Associated.)

"L'ORÉAL IMMEDIA"; for hair preparations (48). By E. Schueller, 7 bis Rue du Louvre, Paris. 493,434. (Associated.)

"EXCELITE"; for nail brushes (50). By Bidwell, Bidwell & Co., Ltd., Castle Hill, Axminster, Devonshire. 494.723.

(From "The Trade-marks Journal," October 17, 1928.)

Device of fantastic figure incorporating roll film; for photographic chemicals and films (1), and for scientific instruments (8). By Houghton-Butcher (Great Britain), Ltd., 83-89 High Holborn, London, W.C.1. 493,676/736. (Associated.)

"ENOGUM"; for chemicals (1). By Société Industrielle Du Neogum Société Anonyme, 9 Rue Rouxe de Brignoles, Marseille, France. 494,990.

"VIRILOID"; for a polyglandular tonic (3). By J. Devane, 17 Ascot Terrace, Limerick. 481,880.

"METATONE", for a liquid tonic medicine (3). "EUBROL"; for a medicated mouthwash (3). By Parke Davis & Co., 50 Beak Street, London, W.1. 490.271; 491,918.

"RED BAND"; for medicinal magnesia (3). By The Red Band Chemical Co., 15a Richmond Terrace, Edinburgh. B491,635.

"KINGLAX" on label device; for chocolate laxative medicines (3). By E. Maresca, 105 Boulevard Malesherbes, Paris. 492,390.

"RUBRINE"; for corn preparations (3). By Duck & Son, 28-34 High Street Arcade, Cardiff. 492,974.

Device of statue of man encircled by snake; for medicated wines (3). By H. Taylor & Co., Ltd., 2 Pall Mall East, London, S.W.1. 493,778. (Associated.)

"FORBRAC"; for an indigestion remedy (3). By A. S. Payne, 101 Old Shoreham Road, Portslade, Sussex. 494 040.

"REFISTINE" with facsimile signature "A.A.J.M."; for medicinal chemicals (3). By A. A. J. Moelaart, 20 Rue du Conseil, Ixelles, Brussels. 495,160.

"BONOVO"; for food substances (42). By J. Nathan & Co., Ltd., 16 St. Helen's Place, London, E.C.3. 493,399.

"EMBLEM"; for goods (47) and for perfumery, etc. (48). By Ogston & Tennant, Ltd., St. Rollox Soap and Candle Works, Wright Street, Renfrew. 494,092/093. (Associated.)

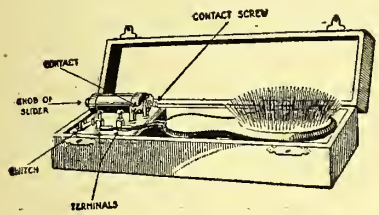
"VIVATONE"; for hair preparations (48). By A. Girard et Cie (England) Ltd., 621a Salisbury House, London Wall, E.C.2. 494,746.

Trade Notes

SAVON MINAMA is advertised in this issue by R. F. White, Ltd., Grove Mills, London Road, Mitcham.

ANDREWS LIVER SALT.—Scott & Turner, Ltd., Gallowgate, Newcastle-on-Tyne, call attention to the fact that their winter bonus offer ends on November 17.

AN ELECTRIC HAIR BRUSH.—Zendix Electric Co., Trafalgar Works, Station Road, London, S.W.19, have introduced a hair brush, the (wire) bristles of which are energised by electricity emanating from a flash-lamp battery By use of the brush the scalp is massaged at the same time as the hair is being dressed in the desired style.



In this way a current of electricity comes in contact with the scalp round the root cells, so that it promotes growth of the hair by stimulating circulation and removing dandruff. The electricity can be cut off as desired by means of a switch. The whole outfit (including brush, battery, sparking coil and cleaning brush) fits neatly into a leather-covered case measuring 14½ in. by 3¾ in. by 2½ in.

R. HOVENDEN & SONS, LTD., Berners Street and City Road, London, have been appointed sole agents in Great Britain and Ireland for Emerson's Bromo Seltzer.

SANGERS, druggists' sundriesmen, 258 Euston Road, London, N.W.1, are issuing a special list—"Gifts that Gladden"—comprising lines suitable for Christmas trade.

THE INTERNATIONAL CYCLE AND MOTOR-CYCLE SHOW is being held at Olympia, London, from November 5 to 10. Further particulars will be found in the advertisement pages.

BRONAL.—Cupal, Ltd., manufacturing chemists, Blackburn, indicate in their advertisement in this issue how easily a sales-compelling display can be made by means of their cough mixture—Bronal.

COSCUTIS.—The Coscutis Co., Ltd., give particulars on another page of a bonus offer they are making in connection with Coscutis, a transparent massage cream which cleanses the skin and is shortly to be extensively advertised.

CONCENTRATED DIPHTHERIA ANTITOXIN.—The British Drug Houses, Ltd., London, N.1, can supply diphtheria antitoxin with concentrations of 1,500 and of 2,500 units per c.c., and a protein content guaranteed to be less than 10 per cent.

CORRECTION.—Dubarry et Cie, Goldstone Laboratories, Hove, inform us that the correct price of the tube of Creme Shalimar advertised on the back cover of our issue of October 27 is 1s. 3d., not as printed. Will subscribers please note?

AMAMI MANICURE SETS.—Prichard & Constance (Manufacturing), Ltd., London, W.C.2, elsewhere in this issue give particulars of a bonus offer in connection with Amami almond oil manicure sets. Supplies can be obtained through the usual wholesale channels.

EPHEDRINE.—Burroughs Wellcome & Co., Snow Hill Buildings, London, E.C.1, are now issuing tabloid ephedrine hydrochloride in a new strength, namely, gr.¼. These tabloids, which are available in bottles containing 25 and 100, are prepared from the natural alkaloid.

WRIGHT, LAYMAN & UMNEY, LTD., manufacturing chemists, 44-50 Southwark Street, London, S.E.1, inform us that the Wright's Coal Tar crossword competition has proved a great attraction to the public, while many of their customers report increased sales and quicker turnover as the result of this publicity.

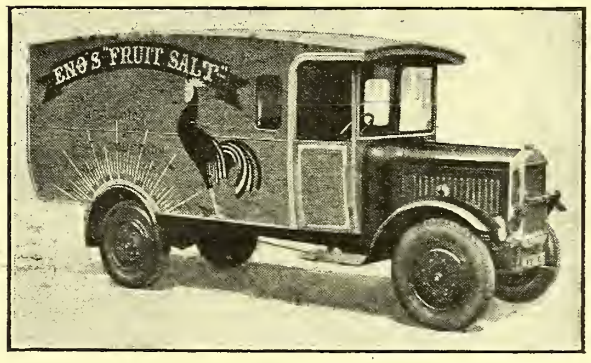
CHRISTMAS DISPLAYS.—Dudley & Co., Ltd., 451 and 544 Holloway Road, London, N.7, have issued a list depicting in miniature and in colours the window posters, slips and showcards they supply for the purpose of drawing attention to displays of Christmas goods. A copy of the list (No. 1090) may be obtained on request.

BOTTLE CAPPINGS.—Mr. H. Marcel Guest, Whittles Building, Oliver Street, Lower Openshaw, Manchester, who specialises in solutions, skins, leathers, capsules and other bottle cappings, has been appointed Northern representative for both Viscose Development Co., Ltd., for the sale of Viskaps, and Honeywill Brothers, Ltd., for solvents and chemicals of interest to the drug and allied trades generally. Mr. Guest is also the official Northern agent for The London Capsule Co., manufacturers of dry caps under the name of Adaptocaps.

"A PRESCRIBER'S LIST."—Roberts & Co., chemists, New Bond Street, London, W.1, have issued a second edition of their book entitled "A Prescriber's List," and offer to supply a copy free of charge to chemists. Several alterations have been made in the new edition, which now includes a comprehensive list of foreign proprietaries, with the name of the maker, the composition, the form of the preparation, the indications and the dose. This is followed by a therapeutic index. There is also a list of Messrs. Roberts's (British) specialities, with the sizes and prices. The shape of the book has also been altered (it now measures 5 in. by 7 in.), so that it is in every way a useful and handy work of reference.

"THE WELLINGTON PHOTOGRAPHIC HANDBOOK."—Wellington & Ward, Ltd., Elstree, have sent us a copy of the latest edition (seventeenth) of "The Wellington Photographic Handbook." One of the best-known and widely-read photographic text-books, it is eminently suitable for chemists to recommend to their customers, whether beginners or advanced amateurs. The articles in the present edition have, we understand, been revised, and the formulas brought completely up to date. The article on the bromoil process has been rewritten to make the instructions more suitable for the improved Wellington bromoil paper recently placed on the market. The book contains a number of illustrations reproduced from photographs made with the company's products.

THE PHOTOGRAPH herewith depicts the new Eno advertising van (J. C. Eno, Ltd., Lever House, London, E.C.4). The body of the van is constructed of large



panels of mahogany stained in a light shade, and the advertisement is carried out in the usual colour scheme of the cockerel poster.

A SHAVING ACCESSORY.—Austin Arkwright & Co., 147 High Road, London, N.W.6, have placed on the market a shield for fitting on shaving brushes to prevent the lather and water from trickling down the handle. The Shaveguard, as it is called, is a disc of spongy rubber 2¾ in. in diameter, with a hole in the centre through which the handle of the brush is passed. When the shaving operation is finished the guard is removed by passing it forward over the bristles. By manipulating in this manner the superfluous lather is wiped off and the brush then needs just a final rinse to remove the soap between the bristles. After washing the lather from the Shaveguard it can be used as a sponge. This attractive novelty merits the attention of chemists. It is packed in transparent tissue, and retails at a popular price.

Births

Notices for insertion in this column must be properly authenticated.

ALGAR.—At 16 Trouville Road, Clapham, London, S.W.4, on October 28, the wife of E. W. Algar, M.P.S., F.S.M.C., of a son.

GARROD.—On October 22, the wife of R. G. Garrod, chemist and druggist, Framlingham, of a son.

Marriages

MACFARLANE—BROOKFIELD.—At the Holy Trinity Church, Llandudno, on October 25, Bertram Arthur Macfarlane (Macfarlane's, Ltd., chemists), Llandudno, to Cissie Brookfield.

UNDERHILL—LEWIS.—At. St. Stephen's-by-Saltash, on October 30, Ernest Russell Underhill, chemist and druggist, to Dorothy Madge Lewis.

Deaths

FIELD.—At his residence, Birchington House, Birchington Road, London, N.W.6, on October 15, Mr. Albert Field, governing director of The Glynn Co., Ltd., manufacturing chemists, North Parade, Halifax, aged sixty. Mr. Field established the business at Halifax about thirty years ago. He was a member of the St. John's Lodge of Freemasons, Halifax.

LEE.—At Kingston-on-Thames, on October 19, Mr. Samuel Lee, chairman of directors of Stirlings, Ltd., chemists, 17 Clarence Street, aged fifty-eight. Mr. Lee leaves a widow and a daughter.

PARRETT.—At Thorne, Doncaster, on October 11, Mr. Edward Parrett, chemist and druggist, aged eighty-five. Early in his career Mr. Parrett carried on business at Milton. He afterwards settled at Winslow, and on his retirement took up his residence at Haywards Heath. At the time of his death he was residing with his only son, Dr. E. E. Parrett.

WYLIE.—At 19 Comiston Drive, Edinburgh, on October 23, Mr. David Nell Wylie, chemist and druggist, 1 South College Street. Mr. Wylie qualified in 1874.

Personalities

MR. CECIL HANBURY, M.P., eldest son of the late Sir Thomas Hanbury, La Mortola, Italy, has been appointed a governor of the Imperial College of Tropical Agriculture.

MR. P. W. GOODWIN, chemist and druggist, has been appointed manager of the pharmacy of John Bell & Croyden, Ltd., Wigmore Street, London, W.1. Mr. Goodwin first joined the staff of Messrs. Bell & Croyden in 1911. He left them during the European war in order to serve in the Royal Air Force Brigade. Mr. Goodwin is the holder of the Royal Humane Society's certificate, which he gained in 1916.

Wills

MR. GEORGE HEAD, of 86 High Street, Deal, Kent, chemist and druggist, who died on September 7, left estate of the gross value of £1,134 9s. 5d., with net personalty *nil*.

MR. ERNEST ANSELL BROWN, 40 Essex Road, Islington, London, N., chemist and druggist, who died July 14, left estate of the gross value of £2,833 12s. 7d., with net personalty £146 18s. 8d.

MR. HERBERT HORTON, of St. Winifred's Road, Bournemouth, and formerly of 21 Trafalgar Road, Birkdale, Lancs, chemical manufacturer, who died on September 5, aged seventy-six years, left £17,015 17s. 11d., with net personalty £15,768 13s. 2d.

THE CHEMIST AND DRUGGIST ESTAB. 1859

RETAIL & DISPENSING PRICE LIST

based on definite costing principles

ISSUED QUARTERLY SEVENTH YEAR OF PUBLICATION

THE index for drugs in October increased from 136.5 to 137.0, though the changes were small. The surgical dressings' index remained at the same figure as September, 196.8. Several changes in prices occurred during the month, but most of them were too small to cause any change in the selling price. Those where a change in retail value was necessary are as follows :—

Cost			Selling Price			
			16 oz.	4 oz.	1 oz.	1 dr.
d.	per		s. d.	s. d.	s. d.	s. d.
36	lb.	Annatto (liquid)	—	1 5	0 5	—
11	lb.	Carui fructus	1 5	—	—	—
15	lb.	Carui fructus pulvis ..	2 0	0 7	0 2½	—
13	lb.	Carui fructus pulvis (coarse)	1 7	0 6	—	—
87	oz.	Crocus Valent.	—	—	—	2 1
99	oz.	Crocus Valent. pulv. ..	—	—	—	2 2
30	oz.	Dichloramin.—T. ..	—	—	4 5	0 8
32	lb.	Elixir simplex B.P.C. ..	—	1 8	0 6	—
84	lb.	Ext. jaborandi liq. '98 ..	—	3 0	0 10	—
162	lb.	Hyd. subsulph. flav. ..	—	5 9	1 9	—
60	lb.	Inf. catech. conc. ..	—	2 6	0 9	—
72	lb.	Inf. ergot. conc. ..	—	2 8	0 9	—
144	lb.	Lavand. flor. Ang. ..	—	5 2	1 5	—
102	lb.	Lin. aconiti	—	3 9	1 0	—
75	lb.	Lin. hydrargyri	—	6 2	1 10	—
69	lb.	Lin. methyl sal.	—	2 6	0 9	—
84	lb.	Lin. methyl sal. co. ..	—	3 0	—	—
54	lb.	Lin. opii meth.	—	2 0	—	—
108	lb.	Liq. opii sedativus B.P.C. *B, F*	—	3 9	1 0	—
112	lb.	Liq. opii sedativus P.L.F. *B, F*	—	4 0	1 1	0 2
11	oz.	Liq. trinitrini	—	—	1 8	—
114	lb.	Manna elect.	—	4 0	1 2	—
32	oz.	Menthol	—	—	4 8	—
36	lb.	Methyl salicylas	—	1 4	0 5	—
5	oz.	Ol. citronellæ	—	—	0 9	—
114	lb.	Ol. lavandulæ spic. ver.	—	4 2	1 2	0 2
240	lb.	Ol. limonis	—	8 6	2 6	—
228	lb.	Ol. limonis (Messina) ..	—	8 2	2 4	—
174	lb.	Ol. menthæ Jap. (dementh.)	—	6 3	1 9	—
102	lb.	Ol. pulegii exot. ..	—	3 9	1 1	—
8	oz.	Phenazonum	—	—	1 2	0 2
53	lb.	Potassii citras	6 9	2 0	—	—
53	lb.	Sodii citras	6 9	2 0	—	—
15	oz.	Theobrominæ-sod. acet.	—	—	2 3	—
150	lb.	Tr. ergot. æth.	—	5 6	1 9	—
102	lb.	Tr. opii deodor. ..	—	4 1	1 2	—
26	oz.	Vanillæ fabæ	—	—	3 9	0 7
24	oz.	Vanillinum	—	—	3 6	0 6

Information Department

INFORMATION WANTED

B/3110. Amidoglycosan
L/1910. Burney Yeo's atomiser for oil and water
B/3010. Creme d'Avoire
B/3110. Eccles hair food
W/2510. Feather shaving brushes
N/3110. Neococcin
B/2910. Neoluxal
H/3010. Pettigrew's visiting cards in leather containers (address in Bristol)
N/2710. Val d'Ore Co. (present address)

Observations and Reflections

By Xrayser III

At Last

we have definite information about a pharmaceutical candidate for parliamentary honours (*C. & D.*, October 20, p. 490), in the person of Mr. F. G. Hines, of York. Among the wide circle of his acquaintances, there will be fairly general agreement that Mr. Hines is the right man for this particular job, and that he ought to receive all the support we can give him. What he told the chemists of Oxford at their recent meeting reflects the general view of our position—as it is and as it should be. Quite clearly, therefore, Mr. Hines knows what are the needs of pharmacy, and, as it is pretty well known that he is a good fighter, we should be able to rely upon him to present our case properly in Parliament. I am in agreement with Mr. Frank English (*C. & D.*, October 27, p. 515), who insists that "the member of Parliament for Pharmacy" must be a pharmacist if the Legislature is to have first-hand knowledge of the position and claims of pharmacy in legislative matters. None but one of ourselves can explain our case and press our claims adequately, and this particular point should be regarded as being of much greater importance than any difference in party political views. Mr. Hines is standing as a Liberal, but we want to secure his return because he is a pharmacist, fully conversant with all our difficulties and peculiarly well-fitted to voice our needs. It will, of course, be all to the good if well-informed pharmacists holding other political views should also secure the right to represent us in the House of Commons.

Additions

to London's list of disallowed articles, as reported to the London Panel Committee (*C. & D.*, October 27, p. 517), read strangely when contrasted with the statement of the chairman of the Middlesex Insurance Committee, which you record in the adjoining column. According to this authority, there is no statutory provision or regulation empowering an Insurance Committee to restrict a doctor's right to order for his patients what drugs he considers necessary. Yet the London Insurance Committee is reported as doing this very thing. It must be decidedly awkward at times for doctors and chemists who are on both the London and Middlesex panels, and what about the rights of the insured persons? Someone must have been giving bad advice to the London Insurance Committee, as would soon be apparent if a doctor in that area were to prescribe one of the forbidden medicines and a chemist were to supply it as ordered. Payment might be withheld, but an appeal to the Ministry of Health would quickly put a different aspect upon the matter. It is undoubtedly illegal to withhold payment for any drug or medicine properly ordered and dispensed, and I imagine that an insured person would have good ground for action against an Insurance Committee if the supply of any medicine the doctor thought necessary for his case were prohibited.

Trouble

in this direction is probably largely due to the action of the Insurance Acts Committee of the British Medical Association, which has been privately circulating a list of preparations that it suggests ought not to be regarded as medicines for the purpose of the National Health Insurance Acts. The list includes a number of medicines, and concludes with a comprehensive paragraph which, if officially adopted, would have the effect of precluding the prescribing for insured persons of all preparations containing pepsin, pancreatin, and other digestive ferments, as well as all medicaments containing vitamin D produced by irradiation and remedies depending for their action upon the presence of other vitamins. More will probably be heard of this ill-conceived list at no far distant date, and it is sufficient to state now that it will be a sad day for pharmacy, no less than for insured persons, if any such production should ever secure adoption by authority.

In These Prosaic Days

the glamour of physic as it was practised by our forefathers has altogether passed away. It is hardly to be expected that the young men now undergoing their apprenticeship will be more than mildly interested in any remarks on pills suggested by your paragraph in the "Commercial Compendium." The output of pills is perhaps greater than it has ever been, but almost the whole of them are made by machinery and purveyed under the commonplace names of those who pack them in millions of boxes for a public credulous enough to believe the persistent asseverations as to their powers to alleviate manifold ailments. From the times of Pliny the Elder down to these days this form of medicament has been popular for reasons which are evident; it is convenient for administration at all times and in all places, and may be kept in good serviceable condition for a considerable period; it is easy to prepare from such a large variety of drugs as to permit of its employment for a large range of ailments.

Pills

during the last two hundred years have grouped themselves in four categories: official, officinal (i.e., non-pharmacopœial but made according to generally recognised formulas), proprietary and magistral. Proprietary ones must represent the great bulk of those used, while those made at the dispensing counter have been almost entirely displaced by the so-called stock varieties. The first two classes are more interesting because of their associations and their composition rather than for their popularity. It has been suggested that during the eighteenth century there was a diminution in the patronage which the medical profession extended to this form of medicine. Probably it is true that physicians did consider it as a plebeian medicine made vulgar by the pretensions of the quacks who managed to impose even on the Collegians themselves. It is also probable that the ridicule the poetasters scattered over the physicians and apothecaries through the agency of the pill did much to degrade it in their esteem. Whatever the cause may have been, the pills in the London Pharmacopœia were few as compared with the number in non-official publications. Examples of the flippant air the literary gentry affected towards the faculty are to be found in almost every writer of the eighteenth century who in any degree essayed to give a reflection of the modes and manners of the time. The pill proved an effective missile for charging the fusil of satire. When Garth led the way in his "The Dispensary," the lesser versifiers might well be expected to follow. His opening lines limn a picture of the College with its dome:—

> "A golden globe plac'd high with artful skill,
> Seems, to the distant sight, a gilded pill."

The Official Pills

named in the London Pharmacopœia (1721) at the beginning of the eighteenth century only numbered twenty-one, that is, half as many more as are now official. In English dispensatories of that period there are many more, but not so many as in Lémery's "Pharmacopée Universelle," in which there are about 300, or in De Spina's "Manual," which contains nearly as many. The names of not a few of these old pills are perhaps known to many of your readers from their appearance on old drug pots. When seen in such circumstances the due effect of them is overshadowed by the curious receptacle, but when met with apart from such a distracting influence they strike one with feelings which perhaps help us to appreciate the potency they possessed in those bygone days. Take "Pilulæ Arabicæ" or "Pilulæ ex Spa": these medicines offer vistas of far-off countries from which remedies of great value have come, together with hopes of possible journeys completely to restore the convalescent. Or consider the "Pilulæ dulces" and "Pilulæ de moscho" when enticing the reluctant child or the fastidious maiden. It was a poetic spirit which coined the name "Pilulæ lucis majores" for pills for poor eyesight; the contemplation of it sharpens the vision, and common things take on radiance of hope. Throughout the long list there is apparent the aim to impress with great possibilities those who may be despairing as well as sick.

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Editorial Articles

Government Chemist's Report

THE report of the Government chemist on the work of the Government Laboratory for the year ended March 31, 1928 (Stationery Office, 1s. 6d.), states that the total number of samples examined in the course of the year, including those dealt with at the chemical stations, was 491,039, compared with 469,642 in the preceding year. Most of the testing was carried out at the laboratory at Clement's Inn Passage. A considerable amount of work has been done in connection with the revision of existing methods and the investigation of new methods of detection and determination of substances. Some of this research is reflected in the papers and reports published by members of the staff during the year; a list of these is given at the end of the report. The service of the staff on the committees in which the laboratory is represented frequently necessitates experimental investigation. An inquiry, arising out of the Public Health Regulations which fix minimum standards of fat and total milk solids in condensed milk, is at present being undertaken on methods for the determination of milk solids in condensed milk. Among committees of the Society of Public Analysts in connection with which investigations are being carried out are the committee dealing with the determination of arsenic, lead, and other metals in food-colouring matters, the committee on essential oils, and the committee on the determination of dirt in milk. The technical staff of the Department consists of the Government Chemist, Deputy Government Chemist, five Superintending Chemists, twelve Chemists Class I, twenty-six Chemists Class II, thirty-four Temporary Assistant Chemists. In addition, there are eighty Laboratory Assistants in two grades, and thirty-five Officers of Customs and Excise seconded to the Department for service and training. The work touches many articles which come into the purview of pharmacy. Under the provisions of the Dangerous Drugs Act, 1920, thirty-five samples of "dangerous" drugs were forwarded by officers of Customs and Excise; and, of these, ten were found to contravene the provisions of the Act. For the Treasury the recovery of radium from disused luminous compass dials, gunsights and other radium material, resulted in a quantity (equivalent to 200 mgm. of radium element) being concentrated into high-grade salt. A number of insecticides was examined. The liquids frequently consisted of paraffin oil mixed with small proportions of essential oils, methyl salicylate, and tar acids, and sometimes contained chlorinated hydrocarbons, such as carbon tetrachloride or dichlorobenzene. Samples of wood preservatives were found to be either linseed oil or tung oil with small proportions of tar acids, resin or essential oil, or mixtures of coal-tar oils. Two samples of bituminous enamel proved to be aqueous emulsions of bitumen. Under the Merchandise Marks Act two samples of honey were examined during the year. One sample did not correspond with the description under which it was sold. Analyses and estimations of tobacco and spirits from an important phase of the work carried out in the laboratory. Exported spirituous preparations are examined as to their character and spirit strength,

the spirit used in their manufacture. In this connection we read :—

During the year, 18,871 samples of medicinal spirits, tinctures, perfumes, hair washes, dentifrices, liniments, extracts, infusions, etc., were examined. . . . In 267 cases the declared strength of the spirit was over-stated. Samples of these articles were also tested for the presence of methylated spirits, the use of which in such preparations precluded any right to drawback on exportation, and in one sample methyl alcohol was found to be present. The samples were also specially examined for non-dutied alcohols or other substitutes for duty-paid spirit and it was found in eighteen cases that drawback had been improperly claimed. . . . Duty is also assessed on preparations containing spirits, such as various drugs, chemicals, toilet preparations, flavouring essences, enamels, varnishes, etc., and of such preparations 14,999 were examined, as against 14,013 last year. The number included 9,481 samples in which there was a determination in addition to spirit of some other dutiable ingredient, such as sugar, ethers and chloroform. The numbers given above include the samples which were examined as to the presence of collodion or of acetic and butyric esters, upon which substances there are duties on importation.

The chemical examination of raw lime or lemon juice which it is proposed to ship under the provisions of the Merchant Shipping Act, to be served out to crews at sea, and the juice, after fortifying with spirit, is carried out in the Laboratory for the Board of Trade. The report states :—

Two hundred and forty-six samples of raw lime and lemon juice were submitted for approval, one of which was rejected. Eight samples of rum to be used for fortifying lime and lemon juice were also examined, and all were approved. Of fortified juice sent for examination before being bottled, or for re-approval, 107 samples were received, seven of which proved to be unsuitable for use. The quantity of juice approved was 29,797 gallons. In the early days of the use of fruit juice as a preventive or curative agent for scurvy, the juice of lemons alone was employed, but for some time the juice of limes has been recognised as equally suitable for the purpose. The work carried out during recent years upon accessory food factors (vitamins) has, however, shown that lime juice is not a satisfactory antiscorbutic agent. On the other hand, orange juice and lemon juice possess valuable antiscorbutic properties, and their activity is retained for considerable periods if the juice is suitably preserved and stored.

The work of the Laboratory in connection with tobacco consists chiefly in the examination of unmanufactured and manufactured imported tobacco, tobacco manufactured in this country for home consumption, tobacco and commercial snuff for drawback on exportation, and offal tobacco for drawback either on exportation or on deposit for abandonment or for denaturing. The report enumerates the tobacco denaturants used in accordance with approved formulas for the purpose of rendering tobacco unsuitable for use for smoking purposes, and records that 152 samples of these materials were approved. Eighty-eight samples of nicotine preparations, of which forty-nine were from imported goods, were examined. The object of this examination was to ascertain whether the articles were sufficiently free from other constituents of tobacco to allow of importation or delivery, free of duty, from bonded warehouses. With the exception of three samples found to possess the character of tobacco extract, all were approved. Sixty-one samples of essential oils and essences submitted for approval for use in flavouring tobacco were examined. Twenty-seven samples of materials were examined for ascertaining if they could be used as adhesives for the paper wrappers of cigarettes. The Food Investigation Board submitted a number of oranges the skins of which had been washed with boric acid solution to see whether this antiseptic had penetrated to the edible part of the fruit. It is important to Australian growers that the skins of citrus fruits should be sterilised before export and equally important that the agent employed should not penetrate into the fruit. A specially sensitive method was used in the examination, but in no case was there more than a mere trace of boric acid in the peeled fruit. Four samples of herring from North Sea fishery grounds were examined to see whether they normally contained proportions of arsenic comparable with the amount found to be naturally present in other fish, notably plaice. All four samples contained traces of arsenic amounting to about two parts by weight of arsenic per million parts by weight of fish. This quantity is somewhat less than that found in plaice. Two samples of sea-water were also tested for arsenic. In both cases minute quantities were present. The number of samples of beer and brewing materials, including beer, wort, malt, sugar and other materials used in brewing, tested for arsenic was 1,982. Of these, fifty-five were found to contain arsenic in slight excess of the limit laid down by the Royal Commission on Arsenical Poisoning, namely, the equivalent of one-hundredth of a grain of arsenious oxide per pound in the case of solids, or per gallon in the case of liquids. During the year 1,462 samples of imported dairy produce and 1,671 other food samples were examined. Seventy of the samples were reported to the Board of Customs and Excise as contravening the provisions of the Public Health (Preservatives, etc., in Food) Regulations. These included forty-four samples containing sulphur dioxide and nine containing benzoic acid either contrary to the Regulations or in excess of the quantities permitted. Thirteen samples of tinned vegetables containing copper colouring matter, the use of which is prohibited by the Regulations, and hydrogen peroxide was found in one sample. Three samples of butter imported since the Regulations came into force contained boron preservative. The report says that boric acid, commonly used as a preservative for margarine in the period before the Regulations took effect, disappeared from these samples after the Regulations came into force. A similar result has taken place with respect to butter. All imported creams have been free from this preservative. The new Regulations have thrown additional duties on the Laboratory.

H.M. Customs "General Bond"

By the introduction at this late date of a "General Bond" scheme, H.M. Customs have provided facilities that will very largely sweep away one of the most serious complaints about the inevitable delay to goods at docks since the introduction of the duty imposed under Part I of the Safeguarding of Industries Act in 1921. This duty is imposed on some five or six thousand products, many of which only the pure or B.P. quality is liable, the commercial qualities being non-dutiable. Hitherto the trouble has been that Customs officers at the docks dealing with a consignment, say, of 100 tons of Glauber's salt of commercial quality, had no option but to detain it, pending the result of analysis, although it was fairly certain that such sized consignments, packed in bags, were not likely to be of pharmaceutical quality. The result was that, after being held up for some days, the consignment would be released as non-dutiable. Meanwhile, however, demurrage on barges or at the docks had mounted up, and often the importer and his customer were in a hurry for the goods, but there was no way of speeding up matters except by paying a heavy deposit, and then having to make application for repayment subsequently. This latter method has been found to be entirely unsatisfactory, and the detention of the goods while the sample was being analysed often meant that a sale, instead of showing a profit, was turned into a loss. This delay and its consequences does not occur in the cases of dutiable goods, where the importer declares the goods as liable and pays his duty and takes delivery forthwith; it arises only in connection with imports of chemicals and allied goods which

the importer knows to be non-dutiable and declares them as such. It is estimated that during the past five or six years two out of every three samples drawn for test for Key Industry Duty have been found to be non-dutiable. Customs are not to be blamed. How was an officer to know whether an importation of acetic acid declared as non-dutiable was in fact the non-dutiable natural product and not over 80 per cent.; he had to make sure it was not synthetic material or, if the natural product, was not the glacial quality, both of which are dutiable. The same position arises in the case of hundreds of other chemicals. Some thousands of imports of *non-dutiable* products have been detained by Customs, while it was ascertained by analysing samples whether or not they were liable to Key Industry Duty. Now, with the General Bond scheme, particulars of which are given elsewhere in this number, provided the importing firm has fixed up a general bond with Customs they will be permitted to clear imports of such chemicals and allied products through Customs immediately the samples have been drawn. Their bond will be held by Customs against any duty that may be found payable. To some of the chief importing firms this should mean a saving of considerable importance, the end of delay and, as has often been the case, trouble with consumers through late delivery. While it is not likely that Customs will find it necessary to fall back on bonds entered into by importers, they will be fully covered against any mistake on the part of the merchant of making a non-dutiable entry for dutiable goods. It is of interest to note that Customs have limited the use of the general bond scheme to chemicals and allied products, which would appear to reflect the department's high regard of the integrity of the chemical merchanting trade as a whole and particularly of the British Chemical and Dyestuffs Traders' Association, who have been instrumental in securing the introduction of the facilities, which should prove to be a valuable and useful concession to traders and which, we understand, has been refused to other trades.

A Noteworthy Centenary

IN "The Times" of October 31 Mr. Harold Begbie gives that date as the hundredth anniversary of the birth of Sir Joseph Swan, concerning whom he writes an appreciative article. There appears to be some doubt as to the exact day of October 1828 in which this pioneer was born, but there can only be agreement as to the far-reaching benefits of his principal inventions, the photographic dry plate and the carbon-filament electric lamp. Swan spent forty years of his life in pharmacy, and it was during that time that his principal inventions were perfected. When he died at the ripe age of eighty-five we recalled some of his associations with Newcastle-upon-Tyne, and with John Mawson, Barnard Proctor, Sir Thomas Barclay and others. We then wrote: "The difficulties with which he had to contend in his youth were just those with which many young men in pharmacy are at the present time contending: drudgery, hard work that was sometimes menial, long hours—everything, in fact, to divert the attention from study and science, as well as the necessity of making one's own living." Of his personal interests in a full and exactly ordered life Mr. Begbie writes eloquently, with the implication that devotion to a scientific career does not of necessity narrow the character.

AN ABSORBER OF NOISE.—Writing to "The Morning Post" of October 27 on the quality of killing sound possessed by *Zostera marina*, Mr. J. L. North, curator of the Royal Botanic Society of London, points out that the plant would have the advantage of being cheap, since the plant is common in shallow waters all around our coasts, but like other salt-water weeds it would absorb moisture from the air, and there would be a danger of making the walls damp.

Corner for Students

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students, 'The Chemist & Druggist,' 42 Cannon Street, London, E.C.4."

QUALITATIVE ANALYSIS

A MIXTURE of not more than three salts will form the subject of the next exercise in qualitative analysis. The mixture may contain metallic and acidic radicals occurring in the British Pharmacopœia, or any of the commoner radicals not mentioned in that work, and is to be submitted to a thorough systematic examination, all its constituents are to be detected, and proof is to be given that the substances detected are the only constituents of the mixture.

Students' applications for portions of the mixture of salts (accompanied by *a stamped and addressed envelope*, not a stamp merely) will be received up to Tuesday, November 6, on which day the samples will be posted. Students' reports will be received up to Saturday, November 17. Each report should contain a concise account of the work done, and should include a list of the constituents detected. In this list any substance regarded as an accidental impurity should be distinguished from the essential constituents of the salts composing the mixture.

The analysis announced above forms the opening exercise in

THE ANALYTICAL TOURNAMENT

for the current winter session. Students may forward six stamped addressed envelopes (marked on the top "Corner for Students"), to be utilised month by month for the "salts." We offer special certificates and prizes for the best series of reports submitted on the exercises to be set from November 1928 to April 1929 inclusive. The awards will be made to the students who obtain the highest aggregates of marks for their reports upon the whole six exercises, and will comprise:—

First Prize.—Certificate of honour and books to the value of three guineas.

Second Prize.—Certificate of honour and books to the value of two guineas.

Third Prize.—Certificate of honour and books to the value of one guinea.

The competition is open to students who have not passed the Pharmaceutical Chemist Qualifying examination in Great Britain or the Licence examination in Ireland. Former tournament prize-winners are disqualified from taking a tournament prize, unless it be a higher one. Besides the tournament prizes, the usual monthly awards will be made to junior students, viz.:—

First Prize.—Books to the value of 15s. or thereabouts.

Second Prize.—Books to the value of 7s. 6d. or thereabouts.

These monthly prizes will be awarded only to apprentices or assistants who are preparing for the Qualifying examination of the Pharmaceutical Society of Great Britain or of Ireland, which fact *must be attested on their reports.* Students who adopt a *nom de plume* must adhere to it throughout the tournament.

COMMERCIAL TRAVELLERS' WEEK-END TICKETS.—As from October 5 the minimum fare for commercial travellers' week-end return tickets at single fare has been reduced to 4s. first class and 2s. 6d. third class, and the period of availability made the same as the concession recently granted to the general public.

SALE OF FOOD AND DRUGS ACTS.—It is officially announced that, during 1927, 4,981 samples of 120 different varieties of drugs were examined, and 283 or 5.7 per cent. were found to be adulterated or not up to standard, compared with 5,287 samples, of which 236 or 4.5 per cent. were adulterated, in 1926. The single items, defective samples of which ran into double figures, were camphorated oil (11 out of 424), magnesia and preparations (10 out of 69, mercury ointment (10 out of 29), sweet spirit of nitre (25 out of 123), and tincture of iodine (11 out of 101).

Christmas Gifts

In addition to selling articles that others can use as Christmas and New Year's gifts, the retail pharmacist often desires to give a suitable present himself to his customers or to his friends the doctors. For customers there is nothing better than a small, neat and artistic calendar, one just large enough to hang by the side of the fireplace and artistic enough to be kept for a year. Then at a very small cost one keeps a permanent reminder in the home of each customer that Blank is their chemist. One important point is not to have the name and address too obtrusive. These little calendars should be obtained in good time and sent out early as a reminder that a chemist's shop is a useful place for Christmas shopping, and that one is ahead of time in preparations for the festive season. If customers will buy their gifts early, it is of mutual advantage: they get the choicest stock and the chemist has an opportunity of increased sales. By this method of sending a small, suitable gift to customers early, each little present yields a big return.

In a dispensing business, to give medical friends prescription blocks, with their name, address and hours printed thereon, is a permanent reminder of good will. Desk calendars are sent by so many houses that one from the chemist would be lost.

In these days useful gifts can be obtained at a trifling cost that are suitable for children—balloons, pencils,

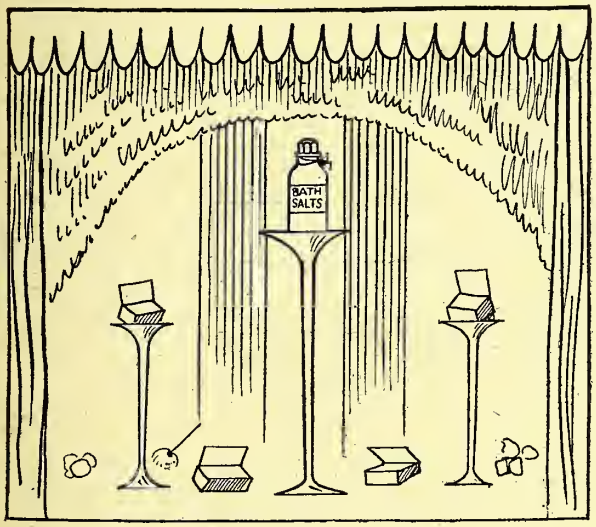

Fig. 1.

mirrors, pens, or rulers with the chemist's name and address imprinted. The child of to-day is the customer of to-morrow. A calendar for the child's own room is another idea worth trying. It might take the form of a cut-out representing an animal, a gollywog or Father Christmas. The last-named, however, will probably not be kept through the summer days. The great point is to attract and to secure the good will of the children.

The most important form of Christmas advertising is by means of window displays. Christmas being but an annual feast, its appeal must be effective. Here are a few striking displays. Goods are not depicted, but an idea of how to show the goods. Each chemist knows best what he can sell as presents, but he should not be afraid of suggesting new lines and unusual but useful gifts. In days when money is scarce, gifts of a useful type make a powerful appeal. Here are a few typical things that are rarely thought of as presents; but the recipient values them, not so much at the moment of receiving as through the months that follow:—A three-dozen box of toilet soap; a bottle of hand lotion; a large jar of skin cream. Men love bath salts, but are too shamefaced to buy them for their own use; so a plain masculine bottle of bath salts or a box or two of bath tablets are pleasing. Lavender water in plain bottles, as well as eau de Cologne, also please men; hot water bottles, indiarubber, aluminium or copper are always appreciated; wireless sets or apparatus; cases of toilet aids for both sexes are good sellers; then such things as sets of hair brushes, combs, hand mirrors, etc.; sets of nail-brushes and two

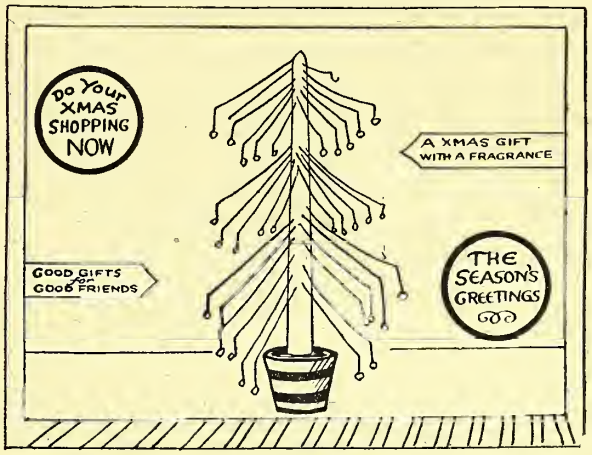

Fig. 2.

or three tooth-brushes in a dainty case are useful presents that give pleasure. The important point is that each should be packed in a "Christmassy" package. Crêpe paper with holly and mistletoe decorations, as well as small stick-on Santa Claus or similar devices, can easily be obtained. Let the presents be of a strictly utilitarian character, but a little better and a little larger than a person usually buys for one's own use. It has the touch of luxury without extravagance which appeals to the practical-minded buyer.

With the window shows here depicted suitable show-cards should be used and goods should be priced.

The display of Fig. 1 is carried out in four shades of one colour. Yellow toning to deep orange is very attractive and is excellent for setting off goods, especially dainty toilet specialties. Blue is also a good colour scheme for this window, shading from dark blue to a pale Chinese blue. In red the most suitable shades would be those toning carnation shades which are so appealing and artistic. To trim the window, first affix to the glass the large crêpe-paper petals as illustrated, using the deepest shade, or, if the yellow scheme is adopted, orange. It is best to fold the paper to the width of one petal, then cut out from the lower edge, so that all are the same size. The petals can be frilled round the edges by twisting over the finger. The long strips can be cut for the side, but it is preferable to purchase these ready cut from the makers, who will supply fire-

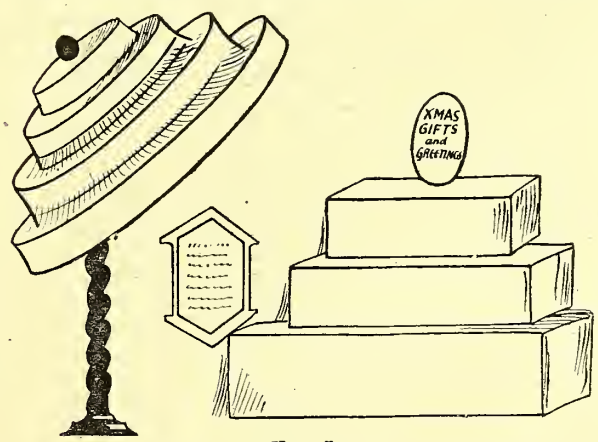

Fig. 3.

proof paper for decoration purposes. Use the deeper shades near the front, toning off to the lighter ones.

Each row is of graduated length, three or four inches longer, according to the height of the window, than the one immediately in front. A plain yellow background

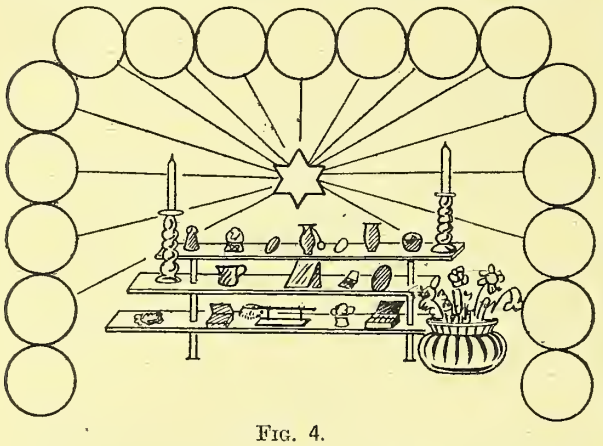

FIG. 4.

is advisable with two bands of orange streamers running from the top of the window to the floor. Suitable showcards in brown and orange, together with the goods, will complete a most effective show. One word of caution: do not overload the window with goods, but introduce a dark-brown bowl of artificial chrysanthemums in yellow and orange or beech leaves.

Fig. 2 is a show for the ingenious modern window dresser: the old-fashioned Christmas tree brought right up to the twentieth century. Materials required:—An old-type wooden bucket painted a bright pink with bands of apple green, a pole about eight inches in diameter, a dozen or two wooden curtain rods in varying lengths, luminous paint (green and blue tones), a couple of dozen or so silver balls, such as can be bought to decorate Christmas trees, or cotton-wool frosted balls, crêpe paper in apple green and bright rose pink. Make holes with a red-hot poker in the pole unevenly all round for the rods to be fitted or glued into. Paint the pole and rods with the luminous paint. Have the rods graduated, the longer ones nearer the base. On the ends of the rods hang the cotton-wool or silver balls. The sloping front of the window should be covered with apple-green crêpe paper with strips of rose-pink paper. The floor is to be covered with the same apple-green crêpe paper, frosted, and the background with the same paper, strips of rose pink, and a narrow border of the same rose-pink paper. The showcards can be fixed to the glass and

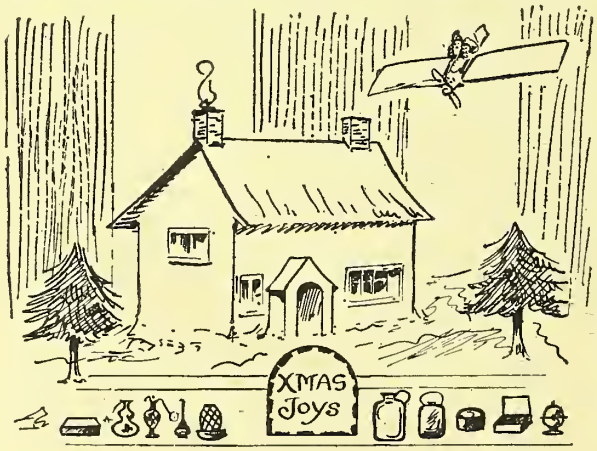

FIG. 5.

are to be of the pink shade with green frosted lettering. This will make a most attractive modern Viennese art window show worthy of the time and trouble taken. Suitable goods can be displayed on the floor, and on occasional stands or tables in groups of bright colouring.

Fig. 3 is an artistic study in reseda green and blue. The shelves for the displaying of the goods are three or four graduated sizes of the ordinary plate-glass shelves. Bottles with glass stoppers or glass flower vases are used to support the shelves. The shelves should be draped with reseda green artificial silk as well as the floor and background. The scheme might be carried out in crêpe paper or mercerised art muslin. A 60-candle-power electric bulb coloured blue should be placed under the centre shelf, so that the blue light shines through the green draping. The lampstand is covered with aluminium paint, and this also carries a blue light. The lampshade is made of strips of silvered cardboard of graduated sizes fastened together with wire. Aluminium showcards with black letters and plain aluminium paper bands as a border will complete this display.

Fig. 4, in blue and gold, makes an effective appeal to the eye. It is a very easy window to dress, and quite cheap in the cost of display material. The golden paper rounds are stuck on to the glass forming a border round the window. The golden star is firmly fixed at the back of the window rather higher than half-way up. To this strips of gold paper or tinsel thread run from each of the gold rounds. The background and base of the window should be of a rich blue colour. A blue and

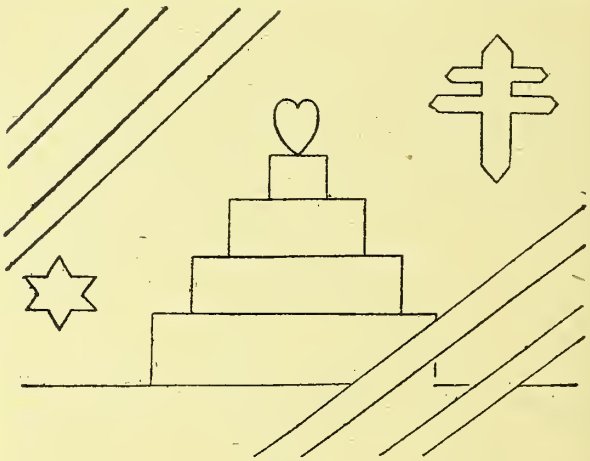

FIG. 6.

white or blue and gold bowl containing gilded poppy heads on stalks stands at one side, and golden candlesticks with tall antique candles will give a pleasing effect, the goods being displayed on plate-glass shelves. Gold showcases with dark blue lettering would be most effective.

Father Christmas arriving in his Moth aeroplane lends a novel note to a Christmas setting (Fig. 5). The house can very easily be made with a box covered with brick-pattern paper, well covered with cotton-wool and falling snow. The background should be red and white. Little need be said of this window, as it is self-explanatory. One point of importance, however, is to show goods which children would like and find useful.

Fig. 6, which gives a distinctive Russian tone to a display, is described carried out in silver, but it could be carried out equally well in red and white or blue and white. Bands of silver paper are fixed to the glass, as also are the star and double cross. A Wedgwood blue background but a silver floor and stands are necessary. A silver heart showcard with Christmas greetings in blue letters, together with other showcards in the same colours, will complete the effect.

The effect in Fig. 7 will do for a side window or a show stand where very few goods are to be displayed. It is a simple study in black and white. Either boxes covered with white paper and black strips affixed or a cardboard screen similarly treated with show stands in suitable positions will give the desired result. If possible, have this for a show of black and white goods or glassware.

A few suggestions for the wording of showcards are appended :—" Say it with Fragrance," " Wishing Well and Giving Well," " A Well-chosen Gift for a Well-chosen Friend," " Express your Personality in your

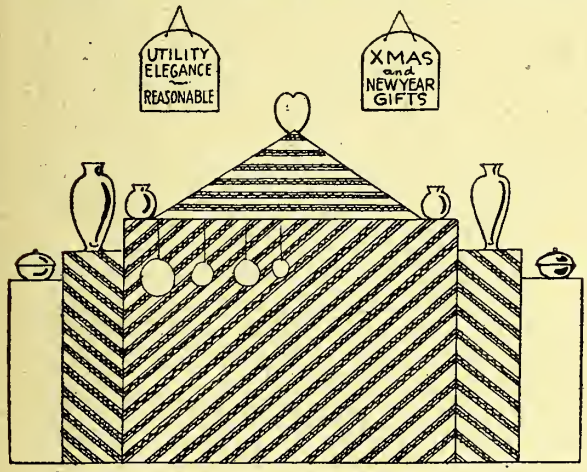

FIG. 7.

Christmas Gifts," " Santa is Here with a Full Load of Concentrated Joy—Choose Yours Now," " Shopping Early for Christmas is Shopping Well," " A ' Can You Guess ' Gift."

H.M. Customs General Bond Scheme

IN their latest bulletin the British Chemical and Dyestuffs Traders' Association, Ltd., deal with the new Customs scheme of a " general bond " for quick clearance through Customs of non-dutiable chemicals, etc. For the past fifteen months the Association has been negotiating with H.M. Customs and H.M. Treasury with the object of securing the introduction of this scheme, which would be the means of clearing away the hold-up of goods while they are being sampled and analysed. The following communication has now been received from Customs agreeing to the introduction of such a scheme. H.M. Treasury have sanctioned the proposals.

With reference to your letter of June 11 last, regarding certain arrangements to be made for the immediate delivery of imported goods, which have been sampled for test as to their liability to Key Industry or other Customs duty, I am directed by the Commissioners of Customs and Excise to inform you that they are prepared to receive applications from individual importers who wish to give bond for the payment of any duty which may be found to be payable on such goods as the result of test, subject to the following conditions :—

1. The penalty of the bond should be an amount equivalent to the estimated duty payable on one month's importations, on the basis of full liability to duty, with a minimum penalty of £500.
2. Samples will be drawn in duplicate.
3. The arrangement will only apply to chemicals and similar products which are entered free of duty, and are to the best of the importer's knowledge and belief not liable to any duty of Customs, and
4. The Commissioners reserve the right to withdraw or cancel the arrangement at any time in the case of importers from whom bonds have been accepted, where they are not satisfied that the conditions of the arrangement are being fully observed.

I am to add that applications to enter into bond under this arrangement should state the amount of the penalty to be fixed, with the names and addresses of two private persons, or the name of an approved Guarantee Society, proposed as sureties and should be accompanied by particulars of the class of goods which will be imported, and the ports at which importation will usually be made.

The following observations are made by way of explanation of the scheme.

The general bond will be held by Customs against any duty payable on chemicals and allied products entered by the importer as " non-dutiable." It will not apply to dutiable goods, on which duty will be paid in the ordinary manner as hitherto.

The amount of the bond will be fixed by Customs on the basis of liability to the full extent of all non-dutiable chemicals imported in a normal month. For instance, if the firm giving the bond imports, on average, about £3,000 worth of non-dutiable chemicals during a month Customs will require a bond for £1,000.

Samples will be drawn in duplicate, and one sample will be sealed and retained by Customs for further tests in case of any dispute on the question of liability.

The general bond system will apply only to chemicals and similar products which are usually sampled, detained and analysed for Key Industry Duty. The Association add that in the past some very important organisations representing other trades have been refused these facilities, and even now the scheme is being limited to chemicals and allied goods.

Customs reserve the right to cancel a general bond accepted from any importer, but they would only do this in the event of repeated mis-use of the bond by the importer, such as, for instance, entering dutiable goods as non-dutiable and using the bond for payment of duty. It must be clearly understood that the bond is to be used only in respect of goods which the importer believes to be non-dutiable.

Applications should be addressed to the Secretary, H.M. Customs, Custom House, London, E.C.3, quoting Ref. No. 3821/1928, and should give the following particulars :—

(1) Amount of the bond to be taken out. (2) Names of chemicals and allied products the bond is to cover. (3) Ports and docks at which the bond is to operate. (4) Names of persons, bank or guarantee society who will act as sureties for the amount of the bond. (5) State whether members of the B.C. & D.T.A.

The bond will operate for those products and at those ports mentioned in the application. With regard to satisfactory sureties, it is understood that Customs would not be likely to accept two directors of a limited company unless they were satisfied that they had sufficient assets outside the limited company to cover the amount of the bond. In most cases it should be possible to satisfy Customs on the question of sureties without going to an approved guarantee society. In most instances, it is believed, they will accept the bond of the applicants as being satisfactory cover if it is supported by a good banker's reference. It should be understood that in the event of an importer clearing goods under this scheme which, upon being tested, are found to be dutiable, it will not necessarily mean forfeiture of the amount of the bond, but only payment of the amount of duty plus the usual fine that is always inflicted for " wrongful entry " of goods.

MR. RICHARD HUDNUT, the well-known New York perfumery manufacturer, died suddenly at Juan les Pins on October 30.

A " T.P. " REMINISCENCE.—The veteran Mr. T. P. O'Connor contributed to a recent issue of " The Daily Telegraph " his recollection of the late Mr. J. C. Eno as a clubman. After dwelling on his " detachment "—Mr. O'Connor is probably unaware of Mr. Eno's chronic deafness—the article continues :—" It was a stroke of genius that suggested to him the title of ' Fruit Salt,' which had the double effect of giving the new medicine an attractive name and adding a suggestion of an attractive taste. Original in everything, Mr. Eno was especially original in what was then a new and almost unknown art of advertising. He did not hesitate to expose himself to ridicule and misunderstanding by making his advertisements literary, historical, and instructive. He had a passionate faith in his ' Fruit Salt ' ; he had a passionate desire to benefit the health of the nation ; and he combined these two leading ideas in the advertisements. . . . He was in his office every day of his life ; spent more hours there probably than any of his employees . . . but above and beyond his interest in business was his spirit of humanitarianism. He looked into the work and responded to the demands of nearly all the great philanthropic societies of his day."

Trade Report

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling, packing, etc. Qualities of chemicals, drugs, essential and fixed oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities.

42, Cannon Street, E.C.4, November 1

BUSINESS in the Mincing Lane produce markets has fallen off this week, and interest in the speculative articles like menthol and oil, cloves, pepper and shellac has waned. Japanese refined camphor is higher to arrive and Japanese vegetable wax has again advanced for shipment while spot prices have also been adjusted. Angostura tonka beans have been cleared from first hands, and colocynth is cheaper to buy. More small orders have been placed for essential oils where values are on the easy side. Camphor and Java citronella on the spot are slightly firmer, but lemongrass, bergamot, cedarwood, sassafras and juniper berry are all easier, and orange lower on the spot. Business in pharmaceutical chemicals is still dominated by intense price-cutting where good-sized business is concerned, otherwise prices remain steady without any important changes; foreign-made aspirin is more in evidence this week, but prices are little different from those of British makers. Among industrial chemicals, business has shown a slight improvement, but the demand cannot be said to be active. Cream of tartar is the turn easier with a poor demand; isopropyl alcohol is steadier, and oxalic acid fairly active; potassium and sodium chlorates are steadier; the demand for carbolic acid crystals continues good, and cresylic acid is quiet. In the fixed oils group, business has been quieter, but prices for the most part are steady. Palm oils have eased in value. Linseed is steady and turpentine firm. Coconut is slightly easier, and soya rather dearer.

Higher	Firmer	Easier	Lower
Camphor (Jp., ref.) Soya oil Tonka beans (Angostura) Wax, vegetable (Jp.)	Camphor oil Citronella oil (Jv.) Steadier Isopropyl alcohol Pot. chlorate Soda chlorate	Bergamot oil Cedarwood oil Coconut oil Cream of tartar Juniper berry oil Lemongrass oil Palm oil Sassafras oil	Colocynth Creosote oil Orange oil (spot) Pitch Shellac

Crude Drugs, etc.

ALOES.—Curaçao remain very firm, New York quoting 82s 6d. per cwt. c.i.f.; good to fine liver is from 90s. to 110s. on the spot and even more; coarse and capey 77s. 6d. to 80s.

ANTIMONY.—Chinese refined is irregular, chiefly owing to the somewhat freer offers for shipment at renewed concessions down to about £37 10s. There is, however, no pressure to sell on the spot, and £40 to £40 10s. is asked ex warehouse. English regulus is obtainable at figures varying from £56 up to £60, according to brand and quantity.

BALSAM TOLU remains firm at from 3s. 10d. to 3s. 11d. per lb. for good hard genuine on the spot.

CADMIUM seems as firm as ever, being influenced by the scarcity of metal on the spot, which is not easily obtainable at between 4s. 6d. to 4s. 8d. per lb., although easier terms are being entertained for future shipments. The tendency is still upward, chiefly because of the continuous growth of demand for various purposes.

CAMPHOR (REFINED).—With higher prices asked for shipment from Japan, the spot value of slabs is now 2s. 4d.; flowers, 2s. 6d. and ¼-oz. tablets 3s. per lb. For shipment, 2s. 3¼d. is quoted for slabs, 2s. 5d. for flowers and 2s. 10d. for tablets, c.i.f. terms.

The landings in London during September amounted to 240 packages and the deliveries to 614, leaving a stock of 925, against 1,115 last year; the landings to date have been 3,161, against 2,236, and the deliveries 3,140, against 2,101 last year.

CARDAMOMS.—Decorticated seed is now held for 6s. per lb. on the spot.

CHAMOMILES are becoming scarcer at the source, and on the spot from 230s. to 240s. per cwt. is quoted for small lots of good white Belgian from second hand.

CLOVES.—Zanzibar are quiet but steady, with spot sales at from 1s. 1½d. to 1s. 2d. For shipment, August-October has been sold at 1s. 2⅜d. to 1s. 2½d., October-December at 1s. 2d., and December-February at 1s. 1¼d. to 1s. 1⅜d. to 1s. 1½d. per lb. c.i.f. The landings of Zanzibar in London during the week ending October 27 were nil, and the deliveries 177, leaving a stock of 3,753, against 10,312 in 1927 and 8,760 in 1926. From January 1 to October 27, 1928, the landings of Zanzibar have been 13,369, against 16,033 in 1927, and the deliveries 17,297, against 13,322 in 1927.

COD-LIVER OIL.—There is still a fair inquiry at the unchanged rates of from 150s. to 156s. per barrel c.i.f. for finest new non-freezing, steam-refined Lofoten oil.

BERGEN, October 29.—The expected rise in the price of cod liver oil has not yet taken place, as orders from abroad are only from hand to mouth. The official quotation for non-freezing, steam-refined quality is unaltered at 170s.

COLOCYNTH.—Good white pulped can be had at 1s. 7d. per lb. and seconds at 1s. 3d. Apple is offered at from 9d. to 1s. per lb. as to quality.

CORN PRODUCTS, ETC.—Guaranteed water-white American *glucose* (corn syrup) is 22s. per cwt. for October-December delivery, ex store London. Dutch *maize starch powder* (cornflour) is 15s. 3d. per cwt. on the spot. American is 15s. 9d. per cwt., ex store London, for October-December delivery. Pearl starch is 15s. 3d. for October-December, ex store, London. Dutch *maize starch crystals* is 21s. on the spot, and American is 20s., ex store London, for October-December delivery. Dutch *dextrin* is quoted at 22s. to 26s. per cwt. on the spot as to quality. American canary is 19s. 7½d. per cwt. for October delivery, November 19s. 1½d., and December 18s. 7½d. White is 19s. 7½d. for October delivery, November 19s. 1½d., and December 18s. 7½d., ex store London. Dutch *farina* is quoted at 15s. 6d. per cwt. on the spot, and to arrive 13s. 9d. f.o.b. is quoted.

EGG PRODUCTS.—Dried Chinese yolk is quoted at 1s. 10d. per lb. on the spot, and October-December shipment 1s. 10d. c.i.f. Sprayed is 2s. 2d. spot, and September-October shipment is 2s. c.i.f. Prime Chinese hen albumen is 2s. 3d. to 2s. 4d. spot, and October-December shipment is quoted at 2s. 1d. c.i.f. London.

HONEY.—Arrivals have been on a rather larger scale this week, and a fair business is passing at steady prices. Pale set Jamaica is quoted at 55s., brown to pale amber set and setting 46s. to 50s., and manufacturing grades 45s. to 46s.

HYDRASTIS is offered at 15s. 9d. per lb. on the spot, and to arrive from 14s. 9d. to 15s. c.i.f. is quoted.

IPECACUANHA is steady, with small sales of Matto Grosso at from 10s. to 10s. 3d. per lb.

LIME JUICE is difficult to get, and for good pale juice up to 3s. 9d. per gallon is asked; old crop can be had at from 3s. to 3s. 3d. per gallon.

MAGNESIUM.—A moderate business is going through with home makers, whose terms vary between about 3s. 3d. up to 3s. 9d. per lb., according to specification; powder is about 5s., and as much as 7s. 6d. per lb., according to quality and quantity.

MENTHOL has remained quiet at 24s. per lb. on the spot for Kobayashi-Suzuki. To arrive, sellers of October-December shipment quote 22s. 6d. per lb. c.i.f., and January-March 21s. 9d. c.i.f.

MERCURY has been practically featureless but fairly steady in spite of more restricted trade demand on the spot. Quotations may be called about £22 15s. to £23 per bottle, less the customary discount. The first-hand f.o.b. price as quoted by the central selling office of the Combine has remained at £21 15s. per bottle. There have been a few inquiries from the Eastern markets, but no important business has transpired. The market in America is also quieter, with the price standing at about $125 per bottle, duty paid. The outlook seems a little uncertain, although there is not much prospect of any important concessions being made for new supplies. Of course, a good deal depends on the progress of the demand, but it is believed that the accumulations at the mines have been considerably reduced from what they were some time ago. Meanwhile, fairly good quantities are held in stock on this side. The "Colon," from Seville, has brought 4,000 bottles to Liverpool. Other arrivals include 329 bottles to London from Trieste.

OLIBANUM.—Higher prices have again been received from origin, and while the market here is interested, buyers are not inclined to pay the rates asked. There are, however, small stocks available on the market. Fine selected drop is quoted at from 95s. to 105s.; ordinary medium drop, 70s. to 80s.; good clean siftings, practically free from quartz, 55s. to 60s., and ordinary to good garblings 50s. to 55s. per cwt.

OPIUM valued at £3,500 from India has been entered by the Port of London Authority.

ORRIS is firm and unchanged, Florentine sorts on the spot offering at from 60s. per cwt. upwards, and to arrive at 55s. to 60s. c.i.f.

PEPPER has been quiet. Fair black Singapore is 1s. 5d. per lb. on the spot, and October-December shipment 1s. 3½d. c.i.f. Lampong is 1s. 5d. spot; August-October shipment has been sold at 1s. 4¼d. to 1s. 4d., and October-December at 1s. 3⅝d. to 1s. 3¼d. c.i.f. Tellicherry is 1s. 6¾d. spot, and January-March shipment 132s. c.i.f. Alleppy is 1s. 6d. spot, and January-March shipment 130s. c.i.f. White Muntok on spot declined to 2s. 0¾d.; August-October shipment has been sold at 1s. 10¾d. to 1s. 9⅞d., October-December at 1s. 9½d. to 1s. 9⅝d. to 1s. 9¼d., and November-December at 1s. 9¾d. to 1s. 9½d. per lb. c.i.f.

PIMENTO is steady at from 11¾d. to 1s. per lb. on the spot, and for November-December shipment sellers quote 97s. per cwt. c.i.f.

RUBBER is very steady, without any material change in prices. To-day marks the end of the Stevenson Scheme for the restriction of exports, and on the Mincing Lane Rubber Exchange a mock burial service was held in commemoration of the "burial" of the Scheme. The feature of the week has been the very heavy decline in the stocks. Last week's landings totalled only 408 tons, whilst deliveries were 2,645 tons, showing a further decrease of 2,237 tons in the stocks. The London stock now stands at 24,240 tons, against 69,551 tons at the corresponding period last year. Quotations (Wednesday 5 p.m.): No. 1 standard ribbed smoked sheet, spot and November, 8⅞d.; December, 9d.; January-March, 9⅛d.; April-June, 9¼d. per lb.

SEEDS.—During the past week the demand seems to have fallen off and very little business has been done, but prices keep firm. ANISE.—Spanish is 60s. and Russian 28s. per cwt. CANARY remains very firm. Mazagan is 19s. 6d. spot and 19s. c.i.f. has been paid for December, but sellers are now holding for 19s. 6d. c.i.f. for November-December shipment. Saffi is 19s. spot, and 18s. 6d. c.i.f. is quoted forward. CUMIN.—Maltese remains at 54s. spot and 47s. c.i.f. is quoted forward. Morocco is 42s. 6d. spot and 41s. 6d. c.i.f. is quoted forward. CORIANDER.—Morocco is 20s. 6d. spot and 18s. c.i.f. for November-December shipment. Russian is 21s. spot. FENUGREEK.—Morocco is 16s. 6d. to 16s. 9d. spot and 16s. c.i.f. HEMP.—Manchurian is 19s. 6d. on the spot. LINSEED.—Mazagan is 20s. spot and 19s. 6d. c.i.f. forward, and extra quality Morocco at 20s. spot. MUSTARD.—English is 29s. to 31s. spot. FENNEL.—Indian is 72s. 6d. spot and 65s. c.i.f. is quoted forward. CARAWAY is unchanged at 37s. 6d. per cwt. c.i.f. for prompt shipment, and on the spot 36s. 6d. is quoted.

SENNA.—Of Alexandrian, bold green whole leaf, in cases, can be had at 1s. per lb., good seconds at 8½d., broken leaf at 4¾d., and ordinary siftings at 4¾d. per lb. Pods are quoted at from 2s. 9d. to 3s., and ordinary thin 1s. to 1s. 3d. per lb. Prices of Tinnevelly for shipment remain very high, and on that account little business is being done on c.i.f. terms.

SHELLAC has further declined, usual standard TN orange quality closing at 207s. 6d. per cwt.; fine orange is 230s. to 320s., pure button 247s. 6d., and AC cakey 235s. To arrive, TN for October-November shipment has been quoted at 190s. and November-December shipment has been sold at 188s. to 186s. 6d. per cwt. c.i.f. For delivery the sales include December at 202s. 6d. to 196s. to 197s. 6d., and March at 192s. 6d. to 188s. 6d.

TONKA BEANS.—The first hand market for Angostura has been cleared and only a limited quantity is offered from second hand at 6s. 6d. per lb. Para are unchanged.

TURMERIC.—Fair Madras finger is unchanged on spot, sales at 37s. 6d. per cwt.

VANILLA is quiet with prices easy: fine Bourbon (7 in.) offer at from 7s. 3d. to 8s. 3d. and good medium 6s. 3d. to 6s. 9d.

WAX (CARNAUBA).—Fatty grey is 122s. 6d. per cwt. on the spot; afloat, 118s., and shipment 115s. c.i.f.; chalky grey, 126s. spot; shipment 118s. c.i.f., Primeria 210s., spot and 190s. c.i.f., Mediana 190s. spot and 180s. per cwt. c.i.f.

WAX (VEGETABLE).—Japanese is dearer and somewhat scarce at from 85s. to 87s. 6d. per cwt. on the spot, and to arrive 82s. 6d. c.i.f. is quoted.

Essential Oils

SMALL orders are more frequent this week and values are tending easier though price changes are only slight. Camphor is firmer—lemongrass, Java citronella, bergamot, cedarwood, sassafras and juniper berry easier—and orange lower on the spot.

ANISE (STAR).—"Red Ship" is unchanged but firm with very little business passing. Leads are still scarce on the spot at 2s. 6d. per lb., with drums at 2s. 2d. and tins at 2s. 5d. For shipment, values are 2s. 2½d. c.i.f., in leads or cases and 2s. 0½d. c.i.f., in drums.

BERGAMOT is weak and easier at 21s. to 21s. 6d. per lb. on the spot. Prompt shipment ranges from 20s. 6d. to 21s. c.i.f., and new crop is quoted at 20s. 6d. per lb. c.i.f.

CAJUPUT is firm at 3s. 1d. per lb. on the spot.

CAMPHOR.—White, on the spot, is firmer as quoted at 52s. 6d. per cwt., duty paid. Brown is given as 67s. 6d. per cwt. on the spot for the best grade.

CANANGA.—Java is unsettled at 11s. per lb. on the spot.

CASSIA.—A weak undertone is evident in the forward position, where offers of 5s. per lb. c.i.f. have been accepted for 80 to 85 per cent. c.a., free from alcohol. The spot value is barely maintained at 5s. 9d. per lb.

CEDARWOOD on the spot is easier at 1s. 4d. per lb., in cases, and 1s. 2d. in drums.

CITRONELLA.—The position of Java is firmer following an attempt by buyers to pick up cheap parcels. In view of the shipment value of 1s. 10d. per lb. c.i.f. the spot price of 1s. 11d. is worth attention. Ceylon is 1s. 8d. per lb. on the spot and 1s. 6d. c.i.f.

CLOVE is firm but unchanged at 7s. 6d. per lb. for English distilled in first hands.

EUCALYPTUS.—The 70 to 75 per cent. is quoted at 1s. 10d. per lb. and the 80 to 85 per cent. is worth 2s. per lb. on the spot.

GERANIUM.—Bourbon is not quite so firm, though maintained at 20s. 6d. per lb. on the spot. The future position of Algerian is very strong and the value on the spot appears to be a matter of negotiation, prices ranging from 16s. to 18s. per lb.

GINGERGRASS is firm on the spot at 9s. 6d. per lb., with 8s. 6d. c.i.f. quoted for shipment.

JUNIPER BERRY is slightly easier at 5s. 9d. per lb. on the spot for B.P. (exot.) quality.

LAVENDER is unchanged but firm at 15s. 6d. per lb. for French 38-40 per cent. l.a. The producers are unwilling to enter into contracts for future delivery as prices are expected to rise. English is now very scarce, the stocks at the distilleries being almost exhausted.

LEMON is firm at 13s. to 13s. 6d. per lb. on the spot. Prompt shipment is given as 13s. per lb. c.i.f. and new crop 12s. 6d. c.i.f. (January) for the best brands.

LEMONGRASS is easier at 3s. 1d. per lb. on the spot and 2s. 11d. c.i.f. to arrive.

MANDARIN.—New crop Sicilian is quoted at 28s. per lb. c.i.f. for November shipment.

ORANGE.—Sicilian sweet on the spot is now offered at from 16s. to 16s. 9d. per lb. as to seller. New crop, November shipment, is quoted at 15s. to 15s. 6d. per lb. c.i.f., according to brand, while 15s. 6d. is general for prompt shipment. West Indian on the spot is quoted at 16s. per lb.

PALMAROSA is firm as quoted at 13s. per lb. on the spot and 12s. c.i.f.

PENNYROYAL.—Spanish on the spot is quoted at 4s. 3d. per lb. on the spot.

PEPPERMINT.—American natural tin oil is firm though neglected on this market at 14s. to 14s. 3d. per lb. on the spot. For shipment 13s. 6d. to 13s. 9d. c.i.f. is quoted as to brand. H.G.H. is unchanged at 19s. per lb. on the spot. Japanese dementholised is lifeless at 8s. 1½d. per lb. on the spot for Kobayashi-Suzuki and 8s. per lb. for five-brands. Forward Kobayashi-Suzuki has been bought afloat at 7s. 10½d. per lb. c.i.f., with the October-December position at 7s. 9d. c.i.f. Shippers quote 8s. 6d. to 9s. per lb. c.i.f. for first hands.

ROSEWOOD (BOIS DE ROSE).—The position is weak, but the value maintained at 8s. to 8s. 3d. per lb. for Cayenne, as to quantity, and 7s. per lb. for Brazilian.

SASSAFRAS.—Natural American is slightly easier on the spot at 3s. 6d. to 3s. 9d. per lb. as to quantity.

SPIKE.—The position in Spain is firmer, but a compensating movement in the rate of exchange keeps the spot value unaltered at 3s. 2d. to 3s. 3d. per lb., as to quantity. French is quoted at 5s. per lb.

WORMSEED (CHENOPODIUM) is on the easy side at 10s. 6d. per lb. c.i.f., with the spot value shaded below 12s. per lb. in some directions.

The following arrivals have taken place from the countries indicated during the period October 24 to October 30 (inclusive):—Anise (Fr.), 22 cs.; bergamot (U.S.), 2 cs.; camphor (Jp.), 17 dm.; cananga (Fr.), 1 dm.; cedarwood (U.S.), 3 dm.; cinnamon (Cey.), 11 cs.; cinnamon bark (Sey.), 3cs.; citronella (Jv.), 2 dm.; eucalyptus (Aust.) 60 cs. 16 dm., (Sp.) 20 cs.; eucalyptus, peppermint, etc. (Ger.). 4 cs.; geranium and lavender (Fr.), 2 pkgs.; lavender (Fr.), 4 dm.; lavender, rose and iris (Fr.), 3 pkgs.; lemon (It.), 13 cs.; lemon and orange (It.), 2cs.; lemongrass (Br. Ind.), 4 dm.; lily (Fr.), 1 cs.; limo (B.W.I.), 4 cs.; orange (Sp.), 1 cs.; patchouli (Sey.), 2 cs.; peppermint (Ger.) 1 cs., (Fr.) 3 cs., (Jp.) 14 cs.; peppermint, copaiba, etc. (U.S.), 16 cs.; rose (Fr.), 1 cs.; thyme (Sp.), 10 cs.; undescribed (Fr.), 1 cs.

Pharmaceutical Chemicals, etc.

A FURTHER week of steady markets is reported, but at the same time there is considerable price-cutting when big business is moving. The future position of citric acid is not yet made clear in the continued absence of quotations from Italy.

ACETANILIDE is unchanged with the quotation for ordinary-sized quantities from 1s. 4¾d. to 1s. 6d. per lb. for B.P. crystals and powder.

AMIDOPYRIN remains quiet on spot at about 7s. 9d. to 8s. per lb.

ASPIRIN.—Some very cheap prices are reported for sales of quantities of not less than a ton: quantities of from five cwt. and less are at 2s. 3d. to 2s. 6d. per lb. Foreign material is rather more in evidence at prices little different from those of British makers.

BENZONAPHTHOL continues to be offered on spot in five-kilo parcels at 2s. 10d. per lb.

BISMUTH SALTS are unchanged at 9s. 9d. for carbonate and 8s. 3d. per lb. for subnitrate, in cwt. lots.

BROMIDES are unchanged and rather subdued. Dealers quote: ammonium: 1s. 11d.; potassium, B.P. crystals, 1s. 7½d.; granular, 1s. 7d.; sodium, B.P., 1s. 10d. per lb. for quantities in cases. British makers' list prices are unchanged: ammonium, 2s. to 2s. 3d.; potassium, B.P., 1s. 8½d. to 1s. 11½d.; sodium, B.P., 1s. 11d. to 2s. 2d. per lb., as to quantity.

CALCIUM LACTATE continues in fair call at from 1s. 2¼d. to 1s. 3d. per lb., as to quantity.

CHLORAL HYDRATE is unchanged, with about normal business moving: quoted from 3s. 1½d. to 3s. 3d. per lb.

CITRIC ACID.—There is little change to report: foreign on the spot is offered at from 2s. 8d. to 2s. 9d. per lb., less 5 per cent., but in some quarters there is more anxiety to clear stocks and the price is a matter of negotiation.

CREOSOTE (B.P.) is unchanged on a quiet market at 1s. 8d. to 1s. 8½d. per lb.

CREOSOTE CARBONATE continues to be offered on spot at about 5s. 10d. to 6s. per lb.; market dull.

GUAIACOL CARBONATE has been seldom called for: spot is mentioned at about 4s. 6d. to 4s. 9d. per lb.

HEXAMINE.—Competitive prices continue to be the feature: ordinary business continues at about 1s. 10½d. to 2s. per lb., as to quantity.

HYDROQUINONE is unchanged at controlled prices of 3s. 7½d. to 4s. 6d. per lb., as to quantity.

LACTIC ACID is also steady at the agreed prices of 1s. 6½d. to 1s. 10½d. per lb., as to quantity.

METHYL SALICYLATE (B.P.) in ordinary quantities is steady from 1s. 4d. to 1s. 6d. per lb., while ton lots or more would be something less.

METHYL SULPHONAL is still of little interest: spot is quoted at about 8s. 9d. per lb. for small parcels.

PARAFORMALDEHYDE is about steady, but there is not much business moving: quantities of 100 per cent. powder, in kegs, at about 1s. 7d. to 1s. 7½d.; smaller parcels from 1s. 8d. per lb.

PARALDEHYDE is unchanged at from 1s. 1d. to 1s. 3d. per lb., as to quantity and packing.

PHENACETIN continues as reported last week, with keen prices for any big orders; ordinary lots of a few cwt. and less from 2s. 4d. to 2s. 6d. per lb.

PHENAZONE shows no change, with prices ranging from 3s. 9d. to 3s. 11d. per lb. for usual-sized business; less would be taken for ton lots or more.

PHENOLPHTHALEIN continues at the Convention prices of 5s. 11d. to 6s. 1½d. per lb., with an outside source very competitive.

POTASSIUM PERMANGANATE (B.P.) is, except for small business, very quiet: quoted, in drums, from 5½d. per lb.; small parcels from 6d. per lb.

RESORCIN is being cut very fine where big business is concerned: ordinary lots from 2s. 10d. to 3s. per lb.

RHODINOL is dearer at 45s. per lb.

SALICYLIC ACID (B.P.) is steady at from 1s. 3d. to 1s. 6d. per lb.

SALOL is unchanged at the agreed prices of 2s. 3d. to 2s. 6d. per lb., as to quantity.

SODIUM BENZOATE (B.P.) has been slow, but prices are steady: quantities in two-cwt. barrels at 1s. 7½d.; parcels of one or two cwt., 1s. 8d. per lb.

SULPHONAL remains very slow of sale, dealers offering on spot at about 6s. 6d. per lb.

TANNIC ACID.—B.P. *leviss* is being sold at about 2s. 10d. to 3s. per lb. for fair quantities and up to 3s. 3d. for small lots.

TARTARIC ACID (B.P. crystals).—Business has been slow and as quoted at 1s. 4d. to 1s. 4½d. per lb., less 5 per cent. for foreign crystals, the market is by no means steady and these prices have been shaded.

TERPIN HYDRATE to arrive in quantity is offered at 1s. 4½d. to 1s. 5d. per lb.; little interest shown.

THYMOL.—Business in the synthetic fine white is limited, with the price holding at about 9s. 6d. per lb., in cwt. lots.

VANILLIN.—The position is as recorded last week, with the home makers' price for material made from clove oil steady at 16s. to 17s. per lb., while imported material ex guaiacol is quoted at 14s. 9d. to 15s. per lb.

Industrial Chemicals, etc.

London, October 31

THERE has been a slight improvement in inquiries and business in some directions during the past week, but there is plenty of room for expansion before the market can be said to be active. Prices are steady throughout.

ACETIC ACID continues steady, with the demand moderate: 80 per cent. technical, £36 15s.; 80 per cent. pure, £37 per ton, in barrels; glacial, pharmaceutical, 99 to 100 per cent., £66, in glass demijohns; glacial, in barrels, £56 per ton, ex store.

ACETONE is well maintained on an active market: B.G.S., ten-ton lots, £74 10s.; five-ton lots, £75 10s.; one ton, £76 10s.; less than one ton, £77 10s. per ton, in drums, ex store.

ALUM has been receiving more inquiry: lump, in casks, £8 7s. 6d. per ton ex store; slightly cheaper forward.

AMMONIUM CHLORIDE remains in slow demand, but prices for grey galvanising are steady at £21 to £21 5s. per ton, in casks, ex store; slightly cheaper for contracts.

ARSENIC is steady but practically unchanged, while orders can still be placed for white Cornish 99 per cent. on the basis of £16 10s. per ton f.o.r. mines. High-grade Mexican is still mentioned at £17 upward c.i.f. Liverpool, but this figure is nominal.

BARIUM CHLORIDE continues firm with supplies limited: 98 to 100 per cent. prime white crystals, £10 10s. to £10 15s. per ton, in casks, ex store; forward, fully £8 10s. per ton, f.o.b. Continent.

BLEACHING POWDER is unchanged on a competitive market, with 35 to 37 per cent. available chlorine at £6 12s. 6d. to £7 per ton, carriage paid.

COPPER SULPHATE is in steady demand for export and the tone is firm, with prices ranging upward of £26 5s. for casks, less 5 per cent. The fact has to be noted that there has been a further substantial increase in the cost of rough bar copper, which is a point to bear in mind as to future developments.

CREAM OF TARTAR is, if anything, a trifle easier for foreign powder; business has been poor and the quotations of 93s. to 94s. per cwt., less 2½ per cent. for foreign powder, are by no means firm.

FORMALDEHYDE is moving in good volume, but prices are keen for big orders: 40 per cent. by volume, £37 per ton, in casks, ex store.

FORMIC ACID is well maintained at £46 to £46 12s. 6d. per ton for 85 per cent., in carboys; inquiry has continued satisfactory.

ISOPROPYL ALCOHOL is rather steadier and there is not much offering at the cheaper prices mentioned: quoted from 11s. to 12s. per gallon, in drums, with imported at the lower figures.

OXALIC ACID is fairly active and prices quoted are steady for quantities at £29 15s. to £30 per ton, ex wharf; cwt. lots, 33s. ex store.

POTASH CAUSTIC.—Convention prices continue unchanged; business slow: spot, 88 to 92 per cent. solid, less than one ton, £36 15s.; one to five tons, £33 5s.; five to fifteen tons, £32 15s. per ton, in drums, ex store; 30s. per ton less in all cases c.i.f.

POTASSIUM CARBONATE is steady and business is moderately good: 90 to 92 per cent., £25; 96 to 98 per cent., £26 per ton, in casks, ex store; slightly less for contracts.

POTASSIUM CHLORATE is much steadier and there is more life in the market: quantities to come forward, 2⅞d. to 3d.; small spot parcels, 3⅛d. to 3¼d. per lb. ex store.

POTASSIUM PERMANGANATE remains sluggish: quantities, in two-cwt. drums, at 5⅛d. to 5¼d. per lb. ex store.

POTASSIUM PRUSSIATE continues in fair call, with prices steady: quantities, from £63 10s. to £65 10s. per ton, in casks; single casks, 7d.; small parcels, 7½d. per lb. ex store.

SAL AMMONIAC shows a little more life: dog-tooth crystals, £30; medium, about £28 10s.; fine white crystals, £18 per ton, in casks, ex store; slightly less for contracts.

SODIUM ACETATE continues very firm, with only a limited quantity available up to the end of the year: spot, fully £21 to £21 7s. 6d. per ton, in casks, ex store.

SODIUM CHLORATE is steadier and in a little better inquiry: quantities to arrive from 2⅞d. ex wharf; small spot parcels, 3⅛d. to 3¼d. per lb.

SODIUM HYPOSULPHITE is steady but slow of sale: dealers quote pea crystals, in one-cwt. kegs, £15 to £15 2s. 6d. per ton; commercial, £9 10s. per ton, in casks, ex store. British

makers quote pea crystals to home consumers on contract, £15 per ton carriage paid to buyer's station.

SODIUM NITRATE continues at the controlled prices recently reported for delivery up to April next year.

SODIUM PRUSSIATE is meeting with a fair business on small lines: quantities, from 4½d. to 4⅞d. per lb., in casks; small parcels, from 5d. per lb. ex store.

SULPHUR meets with a steady outlet for crude and refined: American crude is from £5 12s. 6d. to £5 17s. 6d.; Sicilian flowers sell at £12 2s. 6d., refined ground at £11, and roll at £9 15s. per ton, all c.i.f. to arrive.

COAL-TAR PRODUCTS, ETC.—Creesote oil is quoted at lower prices, with the market dull. Pitch continues to decline in value on quotation, with the market still unsteady and quiet. Other products are generally unchanged, with business rather slow. ANILINE OIL continues unchanged on a quiet market at 8d. per lb., packages extra, carriage paid. ANILINE SALT is steady but slow: quoted from 8d. per lb., packages extra, carriage paid. BETANAPHTHOL is moving in moderate volume: queted from 10d. per lb., carriage paid, fer quantities. CARBOLIC ACID (CRYSTALS).—The demand continues keen from makers and offers can only be obtained fer delivery not earlier than December-January. CREOSOTE OIL is easier on a slow market: ex works, 6d.; f.o.b., 7d. per gallen, in bulk quantities. CRESYLIC ACID remains slow of sale, with quoted prices at abeut last week's level. NAPHTHALENE remains practically lifeless: imported, flakes and balls, about £16 10s. per ton, in cases, ex wharf; home makes, crystals, £12 10s. to £14 10s. per ton. METHYL ALCOHOL continues in very fair call, with spot at about £45 per ten, in drums, ex store; much cheaper prices for large quantities to come forward. PYRIDINE is nominal on a dead market: 4s. to 5s. per gallon, f.o.b. TOLUOL is about steady; business limited: commercial 90's, 1s. 7d. to 1s. 8d.; pure, 1s. 10d. to 1s. 10½d. per gallon at works. XYLOL continues very slow: commercial, about 1s. 6½d.; pure, about 1s. 9d. per gallon at works. PITCH.—The quotation is down to 37s. 6d. to 38s. per ton f.o.b. East Coast, with the market still unsteady and quiet.

Fixed Oils, etc.

THE markets have been quiet but are fer the most part steady. Palm oils have lost some ground and are quieter. Turpentine is firm, and linseed oil is steady, both being abeut unchanged. ACID OILS have remained quiet, but prices are steady: cocenut and/or palm kernel, 36s. 6d.; greund nut, 31s. 3d.; soya, 28s. 6d. spot. CASTOR is quiet and unehanged: pharmaceutical, 50s.; first pressings, 45s.; second pressings, 42s. per cwt. spot, in barrels, in not less than one-ton lots. COCONUT is quiet and slightly easier: deoderised, spot 45s. 6d.; Ceylon, 38s. 3d. c.i.f.; Cechin, 52s. 6d. c.i.f. spot. COTTON is dull, but prices are maintained en quotatien: deodorised, 40s. 6d.; common edible, 38s. 5d.; soapmaking, 36s.; crude, 30s. 6d .spot. GROUND NUT is steady but quiet: deodorised, spot 47s.; crude Oriental, 41s. c.i.f. PALM KERNEL is quiet but steady: deodorised, 44s. 6d.; crude, 40s. PALM has been much slower this week and prices fer all grades are easier: Lagos, 38s. 6d.; sefts, 37s. 4½d.; mediums, 37s. 6d.; hards, 38s. 9d.; bleached, 40s. 3d. spot. RAPE is quiet and unchanged: refined, 45s. 6d.; crude, 43s. 6d. spot. SOYA is rather dearer but closing quiet: deodorised, 39s. 6d.; crude, 35s. 9d. spot. LINSEED (raw, naked).—Prices for all positions are about level on the week and the market closes quiet: on spot, 29s. 7½d.; November, 28s. 7½d.; November-December, 28s. 7½d.; January-April, 28s. 7½d.; May-August, 28s. 7½d.; September-December, 29s. 1½d. Boiled oil, spot 33s. Hull, on spot, 29s. 4½d.; November-December, 29s. 3d.; January-April, 29s.; May-August, 29s. TURPENTINE has been quieter and the undertone was not quite so good, although receipts in America are still reported to be comparatively small and well absorbed. London deliveries for last week were only 1,513 barrels, making a total since January 1 of 86,680 barrels, which compares with 100,449 barrels for the same period last year. Stocks were increased to 35,884 barrels, this comparing with 47,442 barrels the same date last year. The London spot price closes at 43s. 6d., November-December 43s. 9d., January-April 45s. Including the quantities landing and afloat the visible supply shows a renewed increase, being 40,734 barrels, as against 55,042 barrels at the same date last year. RESIN was featureless, with but little alteration in values, and c.i.f. quotations for shipment from America were as follows: B 18s. 9d., D 19s., E to 19s. 4½d. K to M 19s. 7½d. to 20s., N 20s. 10½d., W.G. 22s. 10½d., and W.W. 24s. 3d. Terms ex wharf stand at 9d. per cwt. more, except for W.W. grade, which is held for 25s. 9d. There is a little interest in French grades, and the finest grade on the spot is quoted at 20s. 6d. WOOD.—Hankow, in barrels, on spot is quiet at 73s. per cwt.

LUBRICATING, MINERAL, BURNING OILS, ETC.—There seems to have been more life in these markets during the past week; prices are being maintained in most instances. BENZOL continues bright and at full rates: crude 65's, 11½d.; standard motor, 1s. 4½d.: pure, 1s. 9½d. per gallon, ex works, in tank wagons; ex Lendon works, about twopence dearer. FUEL OIL is showing a fair business with prices unchanged: 950 gravity, £3 10s.; 890 gravity, £4 2s. 6d. per ton, ex tank. PARAFFIN WAX and SCALE.—Prices for wax are well held at 3d. to 5d. per lb., according to melting point, in bags. Scale is quoted for shipment at about £25 7s. 6d. per ton, c.i.f. U.K. port. PARAFFIN OILS continue unchanged; business fair: American standard white, 10½d.; water-white, 11½d. per gallon, barrels free; Roumanian water-white kerescne, 4¾d. per gallon, ex tank. WHITE OILS are steady and business is fair: special No. 1, £23 15s.; No. 1, £23 2s. 6d.; No. 3 half-white. £20 10s.; No. 4 half-white, £19 10s. per ton, in drums and barrels free, ex wharf. SOLVENT NAPHTHAS are unchanged and dull: 90 to 160, 1s. 1d. to 1s. 1½d.; heavy 90 to 190, 11½d. to 1s. per gallon, naked at works. PETROLEUM JELLIES.—Rather more business is moving; quoted prices unchanged: white to snow-white, £39 to £48 10s.; amber and yellow, £18 10s. to £22; dark stiff green, £11 17s. 6d. per ton, barrels free, ex wharf. LUBRICATING OILS.—The spot position centinues steady; shipment prices are also maintained. Spot: pales, £9 15s. to £22; reds, £11 to £21 10s.; dark cylinders, £11 15s. to £28; filtered cylinders, £17 15s to £29 per ton, less 2½ per cent., ex wharf; slightly less for tank lots. SOLUBLE OIL and CLUTTING COMPOUNDS, £20 to £28 per ton net. No. 1 RUSSIAN OIL is offered on spot from £14 per ten, less 2½ per cent., barrels free, ex wharf.

Bulgarian Rose Oil Exports

DURING the month of June 1928 Bulgaria exported 586 kilos. of rose oil, valued at 44,758,119 levas, censigned to the following countries: Germany, 18 kilos; Italy, three kilos; Poland, three kiles; France, 431 kilos.; Holland, six grams; Switzerland, 130 kilos.; other countries, one kilo. According to the official statistics, the total exports of rose oil from Bulgaria during the first six months of 1928 amounted to 1,431 kilos., valued at 109,525,608 levas.

Grenada Nutmegs

THE area devoted to nutmegs in Grenada has been steadily extending for many years, and the greatly increased market prices of recent years have brought this product into close rivalry with that ef cocoa. It is interesting te nete that last year exports of nutmegs totalled 21,238 cwt., valued at £103,444, compared with 100,478 cwt. of cocoa, valued at £305,640. Last year, however, was exceptionally favourable for the cocoa crop. Productien usually averages around 80,000 cwt., valued at about £200,000; whereas in 1925 the value of nutmegs exported from Grenada reached £145,861.

Italian Citric and Tartaric Materials

FOLLOWING the increase in the Italian export duty on wine lees, which was made last April to protect the local tartaric acid industry, it is reported, according to the United States Vice-Consul at Palermo, that all available stecks of wine lees and tartar havo been purchased by the "Appulia," the only Italian factory actually making tartaric acid. Exportation of wine lees has become very difficult, although some of the local merchants believe that the Italian industry is not sufficiently developed to handle all the raw material produced. In order to protect the Italian citric acid industry, the Palermo Chamber of Commerce has restricted the sale of citrate of lime and concentrated lemon juice to foreign purchasers to about 1,000 metric tons yearly, although the stock on hand amounts to about 8,000 metric tons.

Spanish Olive Oil

THE British Commercial Secretary at Madrid reports that at a recent meeting of the Federation of Olive Oil Exporters of Spain the question of the market situation and the cessation of foreign sales was discussed. It was mentioned that the last crop in Spain amounted to 665,000 tons, while the exports up to the end of August had reached 90,000 tons, the home consumption being 187,000 tons (calculated on a basis of 250,000 tons per annum), and that consequently there remained a stock of about 385,000 tons of last year's crop. Producers state that this year's crop will be on a small scale. The average crop during the five years from 1922 to 1926 was 296,000 tons, the smallest for ten years being that of 1926, with 230,000 tons. Reports received indicate that the olive crop in Italy was normal, those of Tunis, Algeria, and French Morocco very abundant, and those of Greece good, while the crops in Portugal, Palestine and Syria are said to be poor. The shrinkage of sales abroad is ascribed to the high prices ruling, which drive consumers to buy other oils. This is especially the case in the United States and Argentina.

Letters for this section should be written on one side of the paper only. Correspondents may adopt an assumed name for purposes of publication, but must in all cases furnish their real name and address to the Editor.

Prescription-Marking

SIR,—The idea of "Xrayser III" for marking the price of prescriptions is so simple and yet so effectual that one can only wonder that it has not been suggested and adopted before. It would certainly not give the genuine chemist, who believes in charging a fair price for his work, any additional trouble to that which he already takes, and as for the price cutter, besides giving him the task of working out the proper price, it may also educate him up to the necessity of charging fair prices for dispensing work, especially those men who seem still to adhere to the old flat-rate system of 1s. or 1s. 3d. for a six-ounce tablespoon mixture, whatever it may contain. Writing about prescriptions brings me to the interesting idea of a machine for diagnosis and prescribing (*C. & D.*, October 20, p. 487). Now that we are entering on the automatic era of pharmacy would not a combination of the diagnosing and automatic machines solve the question of the solvency of the drug fund?—Yours, etc.,

PRICER (8/10).

Iodine Tinctures

SIR,—Referring to the solvents for iodine and their relative penetrative power, it is interesting to note that the French Codex of 1908 gave as the formula for "Teinture d'Iode" a 10 per cent. solution of iodine in 95 per cent. alcohol, and this was the tincture which was used largely for the internal administration of iodine in drop doses, in some cases quite large doses being ordered. I believe it was found, however, that when administered in this form the iodine was not always absorbed and sometimes gave rise to unpleasant effects, and in 1920 the Supplement introduced a formula containing potassium iodide. Still further to remark on this, whilst in France this method of iodine medication seems to have been dropped, in this country it appears to have been revived, and I have seen recently several scripts which called for drops containing iodine in alcohol only. Is it that we are merely a little behind the times, or has there been further investigation on the subject?

Yours faithfully,

IODATE (8/10).

Assay of Belladonna and Hyoscyamus Leaves

SIR,—With reference to the article "The Assay of Belladonna and Hyoscyamus Leaves," which appeared in the *C. & D.* of October 27, I should like to point out an error to be found on page 526. Under Experiment 4 the wording should be as follows: "To find out whether heating for half an hour has any effect on a mixture of atropine and hyoscyamine, 0.14 gm. of hyoscyamine and 0.02 gm. of atropine were dissolved in sufficient chloroform to make 100 c.c. of solution," etc.—Yours faithfully,

London, E.1. LESLIE J. WALKER.

United Kingdom Commercial Travellers' Benefit Society

SIR,—The Commercial Travellers' Benefit Society makes the strongest appeal to every eligible person in the drug trade to join the Chemists' Sickness and Provident Society. The Holloway System of Friendly Societies, on the lines of which this Society will operate, has stood the test of fifty years' working; every Sickness and Provident Society adhering to its precepts rests upon a sound foundation, and to-day there are 300,819 members of such societies with accumulated apportionments of over £5,000,000. The drug trade generally, eligible by health and age, has now the opportunity of belonging to its own society with the obvious advantage of (as a class) a low sickness risk.—Yours truly,

H. W. HARRIE,
Hon. Treasurer, U.K.C.T. Benefit Society.

Twickenham.

Falling Hair

SIR,—Can any member of the craft suggest a means of making hair grow—or of arresting the fall? It would be interesting if the collective wisdom of the craft could be made known through the *C. & D.* The inquirer has tried sun baths (ultra-violet ray), irradiated ergosterol, Grimsby rejuvenator, alternate hot and cold water applications (i.e., the Matlock treatment), numerous lotions and ointments, and all to no purpose. The inquirer is forty-eight, and has a low blood pressure, which may account for the scalp being insufficiently nourished; he has almost become reconciled to the prospect of becoming bald.—Yours, etc.,

INQUIRO (31/10).

Percentages on Proprietaries

SIR,—I have received a circular from the proprietors of an advertised article. They ask me to post a large bill on my window extolling the marvellous virtues of their product; and they offer to pay me, in kind, the sum of 7s. 6d. (at least they say it is 7s. 6d., but I can only make it out to be 6s.), and I want to know if that is sufficient, without taking into consideration the ordinary trade terms. I find that the article costs 24s. a dozen, and sells at 2s. 6d. each. It does not have to carry a P.M. stamp, and somehow I think that those terms are not very generous. Would some one with better opportunities to form a correct opinion tell me if I am wrong in my views? I note the proprietors are launching a big advertising campaign, and they seem to think that I shall reap a benefit if I show their posters at the same time. They do not stress the point, but I gather that if I do not join with them, not only I but they will lose some of the benefit of that advertising. Of course I should be very sorry if that happened, but am I right in thinking that 33⅓ per cent. is the least I ought to expect on all future sales of an article which needs my friendly co-operation?

Yours truly,

H. M. TRANMER.

Smethwick.

Pharmaceutical Society of Ireland Benevolent Fund

SIR,—The project of establishing a Pharmaceutical Benevolent Fund, having been under consideration for some time, has now taken definite shape. It is a sad reflection that while all kindred professions are fully provided for in this direction, the ancient and honoured pursuit of pharmacy in Ireland should stand aside and permit its less fortunate followers to end their days in want. A painful case is fresh in our minds, when a respected licentiate, unable to obtain employment, died absolutely penniless, leaving a widow and young family in a deplorable condition. Had our Fund been functioning, such a disgraceful occurrence would have been avoided. In appealing for funds, in such a noble cause, we feel that we can rely on a ready and generous response from our wholesale friends. Subscriptions will be acknowledged in the proceedings of the Council.

Faithfully yours,

F. J. FITZPATRICK, President.
THOS. J. DOYLE, Hon. Secretary.

67 Lower Mount Street, Dublin.

Our Status

SIR,—What "Xrayser III" wants us to do is exactly what each individual chemist has always been endeavouring to do—to promote his own status. But what has the Pharmaceutical Society as a society done for us? Although we are professional shopkeepers, does the Society which we support consider us as well as the trade unions of this country? Does anybody say that we get the protection the G.M.C. gives to medical men, a good proportion of whom are professional shopkeepers? The Pharmaceutical Society should have taken the reins of government in so far as the individual chemist was concerned, and dealt with all cases appertaining to chemists. Just the other day there came to my hand a notification that inspectors would be round with test prescriptions. Has the G.M.C. ever sent round an inspector to examine doctors to see if they diagnose their cases correctly? We qualify for our profession

and should be recognised as specially fit for our jobs, and that is where I find fault in that our Society and Society School is not parliamentarily represented; and it says very little for it at this time, when it is sixty years in existence, that no effort is made in this direction. We pay the piper but the Society does not play the tune. What exactly do we get for our yearly subscription, and what good does the Society do with its enormous sums? It is all very well to read what Crown Ministers say, but a Minister is only one member of the House, and his speeches are made to suit the occasion.—Yours, etc.,

SOLO (24/10).

Sixpenny Articles

SIR,—The answer to the letter on sixpenny articles in last week's *C. & D.* should not be far to seek. One has but to compare the sixpenny line presented by a retail pharmacist with that purchased from a "sixpenny-store" to see, in my opinion, the superiority of quality, pack and finish. There is no getting away from the fact that the public look for quality, and further, that they know when they get it, as is evidenced by the repeat orders that the pharmacist obtains when selling a first-class article well presented, and backed by the name of a reputable wholesale house.—Yours faithfully,

F. C. SAVAGE, F.C.S.

Rawdon.

SIR,—It would seem that your correspondent, Mr. W. Ellis (*C. & D.*, October 27, p. 533) would counter one difficulty, namely, the introduction of sixpenny lines for sale in multiple shops, by reintroducing a worse one, price cutting, and further lowering the standard to 5½d. This, however, is a game which can be played by others than ourselves. Further, it must be understood that from the manufacturers' point of view the private chemist is a minor item in their turnover compared to the big companies; where he orders in dozens or fractions of a dozen, these big concerns order in dozens of grosses. The effect of this is seen by the increasing frequency with which proprietors of patents are reducing 7½d. lines to 6d. to cater for the bazaars and make sure of their custom; if they did not do so, the company would start their own line and push it for all it was worth. So the institution of price cutting by the chemists would ultimately lead to 4½d. lines, and the logical conclusion would be the commencement of 3d. sizes to cater for the stores again, and the trouble would begin anew in a more accentuated form. I do not see what there is to grumble at in selling a 6d article if one can secure the turnover; if your correspondent's experience goes back as far as the late 90's and the beginning of the present century, he will remember that a large number of the chemists' commodities were then sold in pennyworths (and I have even in my younger days worked in businesses where Epsom salts and similar drugs were kept ready in half-penny packets), so that from the monetary point of view we have ascended in the financial scale since then. As a last word I would say that I have seen in more than one instance lately sixpenny window shows in what we call for the sake of distinction genuine chemists' shops.

Yours truly.

SIXPENNUTH (29/10).

SIR,—The policy of cutting the price of sixpenny articles sold by the multiple stores appears to be weak. The chemist's selling expenses are higher than those of such firms, who employ the cheapest type of labour. The manufacturers would probably have no objection to a price-cutting war if it resulted in increased sales. Nor can they be blamed for selling in all available markets. When placing sixpenny lines with stores they trade upon the fact that these goods in the larger packings have acquired prestige by being handled by firms of repute. One cannot expect to handle all classes of business, and it is up to the retail trade to point this out to manufacturers, and refuse *en bloc* to handle the goods of firms who cater for sixpenny stores. In the past, joint action had a remarkable effect on the sales of a certain proprietary. Surely it should be possible to co-ordinate to meet the present case.—Yours faithfully,

ENSEMBLE (31/10).

Legal Queries

J. D. (15/10).—Appliances of a mechanical and non-medicinal nature, such as surgical dressings, are not liable to medicine stamp duty. However, if they are impregnated with a medicament and are recommended for the treatment of ailments, then they will become dutiable.

A. S. (23/10) asks whether a qualified manager in the employ of a chemist is a "shop assistant" within the meaning of the Shops Acts and, as such, entitled to a half holiday every week? [A manager is a shop assistant and must not be employed about the business of the shop after 1.30 p.m. on one day in each week.]

F. B. (20/810) asks whether it is illegal to sell bird-lime. [There are no restrictions upon the sale of bird-lime; but by Section 1 of the Protection of Birds Act, 1925, it is made an offence to use this material for the purpose of capturing wild birds alive. The penalty on summary conviction is a fine not exceeding £25 and/or imprisonment for a term not exceeding three months.]

Alpha (25/810) is thinking of taking two apprentices, and asks whether they will have to be insured under the National Health and Unemployment Insurance Acts. If so, can this liability be avoided if he pays them only 5s. a week, or a cash bonus every six months? [The apprentices will have to be insured if they receive a money payment of any kind. Neither of the methods of payment suggested will avoid the liability.]

Refund (26/810) has earned and unearned income, income tax at the full rate of 4s. in the pound being deducted from the latter before payment. After deduction of the statutory reliefs to which he is entitled, he inquires whether any refund of tax of the difference between the full and half standard rates is due to him. [If "Refund" adds the earned and gross unearned income together, and deducts a ⅙th of the earned income, and the statutory reliefs due to him, the balance remaining is the assessable income. The first £225 of this is assessed at half standard rate (i.e., 2s.), and the remainder at the full rate. From the sum of these, deduct life assurance premiums (if any) at 2s., and the balance is the amount of liability to tax. Now "Refund" has already paid tax on his unearned income by way of deduction, and this should be set off against his net liability. If the unearned tax deducted is in excess, he is entitled to have the difference refunded, and should apply to the local inspector of taxes for the necessary claim form.]

Subscribers' Symposium

For interchange of opinion among "C. & D." readers and brief notes on business and practical topics.

Warning

A man with medical knowledge has obtained money at a London pharmacy during the past few days by means of the following trick. Ordering goods in the name of an Oxford doctor (not traceable at the address given), he mentioned that he was waiting for a sum of money to be telegraphed; subsequently returning to the shop with the statement that the money had not arrived, he was "lent" 30s.

Making Contracts over the Counter

A recent case in which, as reported, the defendant alleged that he ordered dozens and was supplied with grosses is another intimation to show how careful we should be before signing any document of any kind. All contract notes should be read through carefully before signing; and if there is anything the chemist does not understand, he should refuse to sign until he gets a satisfactory explanation. If there is any item he does not agree with, he should strike it out and initial the erasure; refusal to accept this on the part of the traveller should mean the loss of the order. Another point which should not be accepted is a verbal assurance from the traveller. The terms should be distinctly written on the order and duplicate, and signed by the representative as well. It is also wise to write "subject to confirmation" on the form, and to see that a letter of confirmation is received from the firm.—*Redefirst* (23/10).

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

B. P. C. (15/8).—LAVATORY DEODORANT.—This is a thick, brownish-yellow liquid, smelling strongly of pine oil, emulsified in a soap solution, which contains about 11 per cent. of dry soap. No phenolic bodies were found.

D. D. (6/9).—INFLUENZA MIXTURE.—The formula for which you ask is as follows :—

Sodium salicylate	ʒj.
Ipecacuanha wine	ʒj.
Solution of ammonium acetate	℥iss.
Spirit of chloroform	ʒj.
Camphor water ... ... to	℥vj.

Dose: ℥iv.

Retailer (12/9).—SAMPLE OF JALAP.—This sample proved on examination to consist of a small amount of jalap mixed with a large proportion of maize starch.

T. T. N. (8/10).—ARTIFICIAL SMOKE.—For theatrical performances ammonium chloride is generally used. One method of employing it is to throw the salt on a red-hot plate, and the other is to combine the fumes of ammonia and hydrochloric acid on the lines of the ammonium chloride inhaler.

H. E. T. (10/10).—When "magnesia" is asked for either magnesia pond. or magnesia levis is given, according to the object the prescriber or purchaser has in view. If it is used in a mixture with insoluble powders magnesia levis is preferable, and, generally speaking, the latter is preferable, unless the prescriber specifically mentions "pond."

S. L. (10/10).—TONIC WATER.—This is usually made with quinine—about one grain to the pint—and flavoured with orange. The addition of a trace of acid causes the solution to exhibit fluorescence.

B. (16/10).—WINE SPICE.—This may be prepared as follows :—

Vanillin extract	3 dr.
Cardamom extract	3 dr.
Pimento extract	6 dr.
Clove extract	6 dr.
Cinnamon extract	12 dr.

The extracts referred to are 1 in 10 solutions of the active principles in spirit, and we think that with essence of vanillin and essential oils you would be able to produce a passable extract. It should be dark in colour, that being why the extracts are used.

J. W. A. (12/98).—BLUE-BLACK INK.—This may be prepared as follows :—

Tannic acid	3 oz.
Gallic acid	1 oz.
Ferrous sulphate	4 oz.
Iron filings (clean)	2 oz.
Neutral sulphate of indigo paste	6 oz.
Powdered cloves	1 oz.
Water	1 gal.

Dissolve the sulphate of iron in 1 quart of water. In ½-gal. put the iron filings, which should stand at least twenty-four hours, with occasional stirring; pour off the clean portion, and add to the sulphate solution. Having dissolved the tannic and gallic acids in a quart of cold water, stir the solution into the iron liquor, and when fully mixed stir in the indigo; lastly, add the cloves, and keep the ink closely shut up for one or two weeks, then bottle if necessary. A water-soluble aniline-blue dye may be used in place of indigo paste, but in much smaller proportion.

W. K. S. (8/108).—DESTRUCTION OF IRISES.—Any preparation which would destroy the irises would probably render the ground unfit for cultivation for a time, otherwise weed-killer could be used.

C. H. B. (16/108).—WHITENING FOWLS' FEATHERS.—*See C. & D.*, September 22, p. 380. When the liquid shampoo is used a little laundry blue should be added to the final rinsing water.

S. R. G. R. (India) (12/108).—MENTHOL CONES.—

Spermaceti	9.9 gm.
Menthol	90.0 gm.
Oil of mustard	0.05 gm.

Melt the spermaceti, and when it is on the point of solidifying add the other ingredients. Mix and pour into moulds.

F. B. (12/108).—Under the circumstances you mention the simplest way out of the difficulty would seem to be by using a paramidophenol developer. There are two well-known proprietary makes on the market, and as you would purchase at wholesale rates it would be almost as economical as making it. This type of developer is a particularly clean-working one. A concentrated M.Q. developer could be made as follows :—

Metol	90 gr.
Hydroquinone	350 gr.
Distilled water	14.6 fl. oz.

Heat the water to 112° F., dissolve in it the metol and hydroquinone and add

Sodium sulphite (anhydrous) ...	1,200 gr.

Stir for two minutes. This will produce a greyish-white precipitate. Then add

Caustic soda (pure stick)	220 gr.

Stir until all the soda is dissolved. The white precipitate will then have disappeared.

The temperature of development should be between 60° and 70° F., and owing to the caustic a hardening bath is advisable for films and papers. For tank development dilute 1 part with 31 parts of water, the time required being about 8 minutes. For gaslight papers, dilute 1 part with 15 of water and add one drop of a 10 per cent. solution of potassium bromide.

S. H. (25/108). — SAUCE RECIPES. — The following formulas contain the ingredients you mention :—

Worcester Sauce

Garlic	12 oz.
Shallots	28 oz.
Tamarinds	28 oz.
Cloves	4 oz.
Powdered capsicum	4 oz.
Anchovies	3 lb.
Oil of lemon ...	1 oz.
Sugar	4¼ lb.
Soy	7 lb.
Vinegar	5 gals.

Macerate for seven weeks, with frequent stirring, and strain.

Royal Relish

Garlic	ʒiiiss.
Tinct. of capsicum...	ʒij.
Indian soy	℥xvj.
Tomato sauce ...	℥xxxij.
Walnut ketchup ...	℥xxxij.
Pickling vinegar ...	℥lxiv.

Macerate for a month and strain.

B. K. (29/810).—HEADACHE POWDERS.—The following is the formula for Headache Powders P.F.6 :—

Acetanilid.	ʒiij.
Caffein. citrat.	ʒj.
Pulv. sacch. lactis	ʒij.
Carmini	q.s.

Misce et div. in pulv. gr. vj.

Retrospect of Fifty Years Ago

Reprinted from
The "Chemist and Druggist," November 15, 1878

Pharmacopœia Revision

At a meeting of the Liverpool Chemists' Association on October 24, Dr. Charles Symes read a capital paper, entitled "Suggestions for a New Edition of the British Pharmacopœia" . . . Pharmacy and medicine are both advancing with such rapid strides that the authority of a Pharmacopœia reaches maturity and begins to decay in much less than the ten years to which its life is at present considered to extend. If the Pharmacopœia is to maintain its scientific authority and practical usefulness, it should be revised at much shorter intervals. The present one has already been in existence 11½ years, and if a new one is to be issued in 1880 it is time to begin the work of revision. The Pharmacopœia, while it is a guide and help to the physician, is a law to the pharmacist. It is part of the English constitution that all whom the law affects should have a hand in its enactment. Pharmacists should, therefore, be admitted to the Pharmacopœia Committee of the Medical Council, not merely as subordinates, but as equals both in numbers and authority. This is already the case on the Continent and in America.

THE CHEMIST AND DRUGGIST

COMMERCIAL COMPENDIUM

deals with the trade side of pharmacy

[Commenced *C. & D.*, July 5, 1924]

Pilferage.—The term pilferage is applied to the abstraction by a thief of part of the contents of a package, as distinct from theft, which is generally understood to refer to the stealing of the whole package. Pilferage, which is a frequent cause of loss, is usually due to bad packing. As a rule, questions with regard to responsibility for loss of goods as the result of pilferage arise only when the goods are in transit from one place to another. If the loss occurs while the goods are actually in the custody of a common carrier the owner of the goods can recover compensation from the carrier subject to the statutory restrictions of liability prescribed for the protection of carriers (*see* "Carriers"). When goods are consigned by rail, the extent of the railway company's liability is dependent upon the terms of the contract under which the goods were accepted for conveyance and other circumstances. Pilferage is, however, most common in the case of goods carried by sea and, as regards shipments abroad, for insurance purposes, theft and pilferage are considered to be risks separate from the ordinary marine perils, and are insured only at an extra rate of premium. There is a standard "Lloyd's Institute theft, pilferage and non-delivery clause," copies of which can be obtained from any marine insurance broker. This clause should be carefully studied when pilferage insurance is being considered. Under ordinary marine insurance conditions, profit is added to the value of the goods insured; but pilferage insurance can only be effected to cover the actual net shipping value of the goods.

Pimento Oil, or allspice oil, is distilled from the dried unripe fruits of *Pimenta officinalis*. The plant, an evergreen from 20 to 30 feet high, is indigenous to the West Indies, and abounding near the coast on the islands of Cuba, Hayti, Trinidad, Domingo, Antigua, the Leeward and Windward Isles, and Jamaica. The dried berries form the pimento of commerce, and Jamaica alone exports over £50,000 worth per annum. The fruit is a black or purple one-seeded drupe, about the size of a pea, and having an aromatic odour recalling cinnamon, nutmeg and pepper, with a predominating odour of cloves. It is for this reason that the name "allspice" was given. On distillation about 4 per cent. of oil of a dark red colour and with the same odour as the fruit is yielded. The oil contains eugenol with small amounts of cineol, caryophelleue, lævo-phellandrene, eugenol-methyl ether, and palmitic acid. A certain amount of resin, due probably to the unstable nature of some of the constituents, is usually present. The amount of eugenol in the oil is estimated roughly by absorption with 5 per cent. caustic soda solution. The oil has the following characters:—Specific gravity, 1.024 to 1.056; optical rotation, —0° 40′ to —5°; refractive index, 1.5250 to 1.5350; phenols, 65 to 80 per cent.; solubility, soluble in 2 vols. of 70 per cent. alcohol. An oil is also obtained from the leaves of pimento, the oil having the following average characters:—Specific gravity, 1.051; optical rotation, —5°; refractive index, 1.5340; phenols, 88 per cent.

Pinakryptol.—*See* Photographic Desensitisers.

Pinene.—There are four distinct terpenes known under this name; these are α-pinene, β-pinene, δ-pinene, and isopinene. Of these, α-pinene is the most commonly occurring terpene found in nature. It is an optically active terpene, occurring in both dextro—and lævo—rotatory forms. It is obtained from American, French or Greek turpentine. The purest specimens have the following characters:—

	d-α-pinene	*l*-α-pinene
Boiling point	155 to 156°	155 to 156°
Specific gravity at 15° ..	0.864	0.865
Refractive index at 20° ..	1.4656	—
Optical rotation	+48.4°	−48.6°

β-pinene, also known as nopinene, is found associated with α-pinene in turpentine oil. Its properties, in the pure state, are as follow:—Boiling point, 164° to 166°; specific gravity, 0.865; optical rotation, −19° 29′; refractive index, 1.4755. Isopinene, in its pure state, has the following properties:—Boiling point, 154° to 156°; specific gravity, 0.8677; optical rotation, +2° 30′; refractive index, 1.47055. δ-pinene is the body dihydroverbene, which is obtained by reducing *l*-verbenene by sodium and alcohol. It has the following characters:—Boiling point, 158° to 159° at 762 mm.; specific gravity, 0.865; refractive index, 1.4662; optical rotation, +36.52°. It yields ordinary pinene hydrochloride when treated in the usual manner with hydrogen chloride.

Pine Needle Oils.—From a scientific point of view the term "Pine Needle Oil" is somewhat wide, as it includes oil distilled from various species of *Pinus*, *Larix* and *Abies*. From the perfumer's point of view the only oils of any importance are those containing a substantial proportion of esters (bornyl acetate). The chief of these is the oil of *Abies Sibirica*, which is produced chiefly in North-East Russia. The oil has a very fragrant "pine" odour, and is used largely in cheap perfumery, bath crystals, theatre sprays, etc. Its characters are: Specific gravity, 0.900-0.923; optical rotation, −30° to −45°; refractive index, 1.4700-1.4740; ester (as bornyl acetate), 29-45 per cent. The oil contains terpenes, a sesquiterpene, bornyl acetate, and small quantities of terpinyl esters. The leaves of the Douglas fir yield an aromatic essential oil. There are two varieties of this tree, known as the Oregon Douglas fir and the Colorado Douglas fir. An oil yield of 0.11 per cent. was obtained from Oregon Douglas fir, the oil having the following characters: Specific gravity, 0.876; optical rotation, −7°; refractive index, 1.4835; esters (as bornyl acetate), 12.4 per cent. Colorado Douglas fir gave an oil yield of 0.31 per cent., the oil having the following characters: Specific gravity, 0.905; optical rotation, −46°; refractive index, 1.4717; esters (as bornyl acetate), 34.5 per cent. The terpenes consist chiefly of pinene. The odour is mainly due to the bornyl acetate. In the Oregon Douglas fir pinene is not present, and its peculiar fragrance is due chiefly to the presence of geraniol, modified by the small amount of borayl acetate present. Araucaria oil from West Australia which has recently been introduced into commerce is a fragrant oil, semi-liquid.

Pink Root, or Indian Pink Root, is derived from *Spigelia marilandica*, Linn. (N.O. *Loganiaceæ*), a herb indigenous to the Southern and South-Western States of North America. The entire plant is collected in the autumn and dried, and is usually sold in this form, although the rhizome in a separate form is sometimes offered in commerce. The stem is rounded below but quadrangular above, and the leaves are about three inches long, tapering at both ends with a prominent midrib and usually four lateral veins branching at an acute angle from the midrib and curving round towards the apex. Two-lobed fruits and a terminal spike of brilliant red flowers occur in the drug but are rarely met with. The rhizome somewhat resembles that of serpentary, but has more slender rootlets, the middle cortical layer swells in water, showing large cells with fine spiral markings. The large pith of ellipted outline is usually decayed. Pink root is sometimes adulterated with that of *Ruellia ciliosa*, Pursh (N.O. *Acanthaceæ*), which is longer, straighter, and thicker, and contains cystoliths in the bark. The drug contains an acrid, bitter principle soluble in water, and a volatile liquid alkaloid, spigeline. The plant possesses poisonous properties similar to *Gelsemium*, as it depresses the action of the heart and respiration and causes loss of muscular power when given in large doses. It is used as a vermifuge for *Ascaris lumbricoides*, and is said to be safe and efficient if given in proper doses, but is generally given with purgatives and aromatics. It was admitted into the London Pharmacopœia in 1788.

The C.&D. Commercial Compendium

Pipe.—A measure of capacity equivalent to ½ tun, 2 hogsheads, or 4 barrels (i.e., 105 imperial gallons or 126 old wine gallons). The capacity varies, however, for different commodities, and even for different liquids—e.g., wine. The word is also applied to a cask of any of these capacities.

Pipeclay.—This is a rather loose term applied to white clays which contain a high percentage of silica.

Piperazine, ethylene-imine, diethylenediamine, hexahydroparadiazine $(C_2H_4NH)_2$ is formed by the action of ammonia on ethylene bromide or chloride. A mixture of bases is formed containing diethylenediamine. This is separated by treating the mixture with excess of sodium or potassium nitrite and heating to 70°. The dinitroso-piperazine separates in a scaly mass, and this compound on treating with acids or reducing agents yields ammonia and salts of piperazine, which on distillation with alkalis yield the pure base. Piperazine may be prepared by the reduction of ethylene oxamide with zinc dust or sodium, by the decomposition of dibenzylpiperazine with dilute sulphuric acid at 100°. Numerous other methods of preparation are the subjects of patents. Piperazine forms glassy plates, m.p. 104-107°, b.p. 145°, readily soluble in water. It is hygroscopic, forming a sesquihydrate $C_4H_{10}N_2.6H_2O$, of m.p. 44°, b.p. 130°, which on distillation at 135° yields the pure base. Piperazine is a strong base forming crystalline salts with acids of the type $C_4H_{10}N_2.2A$. The base is best preserved in a solution of alcohol 20 and water 80. It acts as a solvent of uric acid, owing to the ease with which it forms urates. Piperazine in urine can be identified by the lemon yellow picrate formed, or by the following test:—To urine a slight excess of caustic soda is added and the solution heated, cooled and filtered. The filtrate is acidified with hydrochloric acid and potassium bismuth iodide added, when a brick-red precipitate of characteristic microscopic structure separates. *Piperazine benzoate* forms glistening plates, which sublime at 120°; *piperazine salicylate* is made by mixing solutions of the base and acid, and forms white needles subliming at 160°. The tartrate, citrate and oxalate are acid salts, which yield neutral double salts with lithium. A quinate has also been prepared. *Piperazine cinchonate*, $C_4H_{10}N_2$ $(C_7H_{12}O_6)_2$, m.p. 168°, is a colourless crystalline powder with acid taste and reaction, readily soluble in water. Other compounds are piperazine cacodylate, piperazine mercuric citrate, and mercuric acetate. A large number of piperazine derivatives have been prepared, and are described in chemical literature.

Piperidine.—Piperidine, or hexahydropyridine, $C_5H_{11}N$, is a decomposition product of piperine and a simple derivative of pyridine, C_5H_5N. Piperine, $C_{17}H_{19}O_3N$, is the alkaloid present in plants of the NO. Piperaceæ, in which it exists up to from 5-9 per cent. When piperine is heated with aqueous alkalis it is hydrolysed into piperidine and piperic acid: $C_{17}H_{19}O_3N+H_2O=C_5H_{11}N+C_{12}H_{10}O_4$. By the dry distillation of the alkaloid piperine with soda lime or the reduction of pyridine with sodium amalgam, or with tin and hydrochloric acid, or by the reduction of trimethylene cyanide in alcoholic solution with sodium, piperidine is obtained as a volatile alkaloid, soluble in all proportions in water and alcohol and forming crystalline salts with acids. By the action of sulphuric acid at 300° or by the action of oxidising agents piperidine is converted into pyridine. Piperidine is a colourless limpid liquid with an ammoniacal, peppery odour, and a burning caustic taste, s.g. 0.876, b.p. 106°. It distils unchanged at its b.p., is miscible with water and alcohol in all proportions, and yields crystalline salts with acids. *Piperidine tartrate*, $C_9H_{17}O_6N$, is a colourless, crystalline powder with faint odour, soluble in water, used as a uric acid solvent. *Piperidine guaiacolate* is a compound of piperidine and guaiacol, m.p. 79.8°, soluble in water, decomposed by acids and alkalis, dose 5-30 gr. *Piperidine salicylate* and *acid tartrate* are soluble in water, and have been given in gout and rheumatism.

Piperitone is an unsaturated aromatic ketone widely distributed in eucalypts growing in the Eastern and South-Eastern territories of Australia and Tasmania. It is now recognised that all the principal constituents found in eucalyptus oils increase in amount through the species until a maximum is reached. Piperitone follows this rule, and reaches its maximum in the "broad-leaved peppermint," *Eucalyptus dives*, one of the most common of all the members of the peppermint group, and gives an oil yield of from 3 to 4 per cent. Piperitone is the only ketone found in eucalyptus oil, and seems to occur only in the oils of the species occupying the more recent end of the genus. Though piperitone is usually found in conjunction with phellandrene, yet, in the case of *E. apiculata*, this terpene was not detected. In oils of most species piperitone is found in association with piperitol. Under natural conditions piperitone is lævorotatory, but readily forms the racemic modification when heated above its boiling point. Piperitone forms thymol by treatment with ferric chloride, thus giving it a considerable commercial value, especially as this ketone is readily available in considerable quantity. Piperitone has a peppermint odour and taste, resembling pulegone very closely in these respects. When pure it is water-white, but takes on a yellowish tint with age. It reduces an alkaline solution of silver nitrate, and reproduces the red colour with Schiff's reagent. Commercial piperitone, prepared thus, usually contains about 90 per cent. actual ketone, and is pure enough for conversion into thymol. Piperitone has the following characters:—Boiling point, 229° to 230° at 760mm. (uncorrected); 235° (corrected); 106° to 108° at 10mm.; specific gravity, 0.9348 at 20°, 0.9393 at 15°; optical rotation, variable, −0.4° to −50.2°; refractive index, 1.4837 at 20°. It has also been shown by Simonsen that the essential oil of *Andropogon iwarancusa*, an Indian grass, contains about 80 per cent. of a ketone, which is a dextro-rotatory form of piperitone.

Pipe-Roll.—"The Great Roll of the Exchequer, comprising the various 'pipes,' or enrolled accounts, of sheriffs and others for a financial year." (O.E.D.)

Pipette.—A glass tube of small calibre, usually drawn out at each end and graduated, used for measuring and transferring small quantities of liquids or gases. The earliest O.E.D. quotation is taken from Ure's Dictionary of Arts, etc. (1839).

Pipsissewa, or Princes' Pine.—The leaves of *Chimaphila umbellata, Nutt.* (N.O. *Ericaceæ*), were formerly official in the U.S. Pharmacopœia. The leaves are one to two inches long with very short petioles, oblanceolate, and sharply serrate on the upper half of the leaf; leathery, dark green and glossy on the upper surface, paler beneath, and have a sweetish, astringent and bitterish taste. It is imported usually from the Northern States of America, although it occurs also in Northern and Central Europe, etc. It is illustrated in Squibb's "Atlas of Official Drugs" (p. 378). The closely allied species, *Chimaphila maculata*, Pursh, which differs chiefly in the leaves being spotted with white on the upper surface and is also indigenous to North America, is used, like the preceding, under the name of pipsissewa, but is also called spotted wintergreen. The leaves yield chimaphilin in yellow crystals that sublime when the plant is distilled, but they are odorous and tasteless. The leaves also contain arbutin and tannin. The plant possesses diuretic, tonic and astringent properties. It has been used for rheumatism and nephritic disorders, such as suppression of urine, also in scrofula of the glands and skin. The bruised fresh leaves, applied to the skin, cause redness and even vesication.

Piracy.—In criminal law, acts of robbery and violence which, if committed on land would amount to a felony, are called piracy if committed on the sea. In civil law, the term piracy is applied to the infringement of copyright (*q.v.*), for which the remedy of the owner of the copyright is an action for damages or an injunction or both.

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These bottles are much stronger than hand-made and reduce breakages to a minimum.
2 oz. 14/6, 3 oz. 16/6, 4 oz. 18/6, 6 oz. 22/-, 8 oz. 23/- gross.

C. W. HARPER, 254 Stockport Road, Manchester.

ESTABLISHED 1772

HENRY'S CALCINED MAGNESIA

Continues to be prepared with scrupulous care, in the greatest chemical purity, by
Messrs. THOMAS & WILLIAM HENRY, 11, East Street, St. Peters, Manchester.
And is sold in Bottles, authenticated by a stamp bearing their name. Trade Mark, "Henry's Calcined Magnesia."
New York: Messrs. SCHIEFFELIN & Co. William Street. PRICE 2s. 9d. Paris: Messrs. ROBERTS & Co. 5, Rue de la Paix.

BRONNLEY'S

Toiletries de Luxe

BATH SOAP	76/- gross tablets
ESS VIOTTO SOAP	20/- dozen boxes
ESS VIOTTO FOR THE HANDS	20-/, 38-/, 54/- dozen
LILY MARGAUX PERFUME LILAC MARGAUX PERFUME VIOLET MARGAUX PERFUME OMAR KHAYYAM PERFUME	28/-, 48/-, 84/- dozen
SANTALETTES MILK OF LILIES SOAP	42/- gross tablets
ENGLISH FERN SOAP	46/- gross tablets

Write for Illustrated Christmas Lists.

H. BRONNLEY & CO. LTD.
LONDON, W.3

YOU CAN SELL MORE SNOWFIRE

Everybody needs Snowfire. Most people know how splendid it is for chapped hands and cracked lips and for all cold-weather conditions of the skin. Let them know that you stock this useful little tablet. Display Snowfire on your counter and sales will keep on the upward grade all the winter.

Snowfire TABLET

CARTONS AND NICKEL-PLATED CASES

You should stock up well with these Snowfire lines —they are splendid all-the-year-round sellers :—

Snowfire Cream	Snowfire Face Powder
" Jelly	" Toilet Soap
" Shampoos	" Shaving Sticks

F. W. Hampshire & Co. (1927) Ltd., Riverside Works, Derby.

Agents: India—Messrs. Signeira & Son, 121 Fort St., Fort, Bombay, India. Australia—Messrs. Salmon & Spragon (Australia) Ltd., 218, Kent St., Sydney, N.S.W., Australia.

PHYLLOSAN

Regd.

is endorsed by Medical Opinion is well advertised and yields you an excellent profit

TRADE TERMS:

For 1 doz. lots.	For 3 doz. lots (either size or assorted).
3/- size - 27/- doz.	3/- size - 25/6 doz.
5/- size - 45/- doz.	5/- size - 42/9 doz.

Carriage Paid on original cases only, 1 doz. or 3 doz. either size. Monthly account.

Order from your usual Wholesaler or direct from Sole Distributors:

FASSETT & JOHNSON, LTD.
86 CLERKENWELL ROAD, LONDON, E.C.1

BIG ADVERTISING! BIGGER SALES!!

BIGGEST PROFITS!!!

IRVING'S **Yeast-Vite** TONIC TABLETS.

OUR NATION-WIDE ADVERTISING is creating an unprecedented demand, and Chemists throughout the United Kingdom are reporting as under:—

"Selling like hot cakes."
"Nearly sold out—send enclosed order at once."
"Wonderful Sales."

"Your Advertising is selling the goods as never before."
"Sales greater than ever."

LOOK at the profit on a Special 14 day Window Show Parcel. Sent Carriage Paid together with BONUS and FREE Display Material.

	COST.	SELLS.
6 doz. 1/3 size @ 12/-	£3 12 0	£4 10 0
1 ,, 3/- ,, @ 28/10	1 8 10	1 16 0
	£5 0 10	£6 6 0
BONUS 12 only 1/3	free	15 0
2 ,, 3/-	free	6 0
30 days NETT	£5 0 10	£7 7 0

£5 PARCEL (P.A.T.A.)
46% PROFIT ON COST.
30 days CREDIT.

PROFIT £2 6 2.

LATEST SHOW MATERIAL to link up with our huge Advertising sent FREE and POST FREE. State whether required for Small, Medium or Large Display.

IMPORTANT:—Our new Factory is in full swing, but we are taxed to the utmost in meeting all demands. Order NOW to avoid losing sales.

IRVING'S YEAST-VITE, LTD., WATFORD, HERTS.

Telephone:—WATFORD 1475 & 806 (5 lines). Telegrams: YEAST-VITE, WATFORD, HERTS.

Beecham's Pills

1s. 3d. size - 11s. 9d. per dozen
3s. 0d. ,, - 28s. 0d. ,,
5s. 0d. ,, - 54s. 0d. ,,

Beecham's Powders

1s. 3d. size (8 Powders) 11s. 9d. per dozen
5s. 0d. ,, (40 ,,) 54s. 0d. ,,

Less 2½% Cash Discount.
A further 5% allowed for Window or other Advertising display.

Orders—Minimum Quantity FIVE POUND (Assorted sizes, Pills and Powders).
PACKAGES FREE. CARRIAGE PAID.
TERMS: CASH WITH ORDER.

All communications to be addressed and cheques made payable to:
BEECHAMS PILLS LIMITED,
Sales Office:
BEECHAM-VENO Buildings, Chester Road, MANCHESTER

Cephos
THE PHYSICIAN'S REMEDY

LIBERAL TRADE TERMS
—
POWERFUL ADVERTISING

ENJOYS AN INCREASING SALE
Write for window display and other publicity matter to
CEPHOS LTD.
BLACKBURN

POWDERS AND TABLETS
—
RETAIL AT 1/3 and 3/-

Iglodine

THE SAFE AND PURE ANTISEPTIC,
And its Kindred Preparations, are Dependable, Quick-selling and Profitable to the Chemist.

THEY SATISFY BUYERS AND BRING REPEAT ORDERS!

IGLODINE, the Ideal Home Healer, is Highly Recommended by the Medical Faculty, and Retails at 10½d., 1/6 and 3/- per Bottle. IGLODINE Specialities include — EMBROCATION, TOILET SOAP, OINTMENT, CREAM, THROAT TABLETS, SUPPOSITORIES, SHAVING STICK, PASTILLES, NASAL DOUCHE, SALICYLATED: Also FIRST-AID OUTFITS.

P.A.T.A. Photo-Litho Showcards. Window Display Scheme. Particulars and Prices from

THE IGLODINE Co., Ltd., NEWCASTLE-ON-TYNE.

"DR. GRIP," The World's Comforter.

A GOOD START is half the battle. Start now to feature "GRIPS" First-Aid Pastilles in windows and on counters, and ensure your share of the season's big business in this wonderful quick selling favourite.

The big national press and poster advertising scheme now appearing for "GRIPS" will create new sales records. Watch your stocks and order well in advance to avoid delay.

Distributing Agents to the Wholesale & Retail Chemists' Trade:

THOS. CHRISTY & CO.

4-12 Old Swan Lane, LONDON, E.C.4

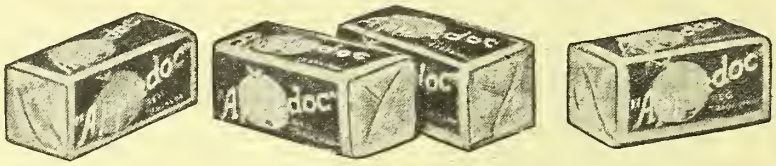
'GRIPS' FIRST-AID PASTILLES

"An Appledoc a day keeps illness at bay"

The public responds readily to a window display centred around this effective slogan.

We are launching a further NATIONAL ADVERTISING CAMPAIGN and advertisements will appear in all the leading DAILY PAPERS.

Mild, Pleasant to taste, Effective, Harmless. Ideal for Children. Convenient for travelling.



SOLD UNDER P.A.T.A. PROTECTION

1/3 per tin of 12 pastilles. 11/3 per dozen.

THE NATIONAL CHEMICAL HOLDINGS LIMITED
Appleby House
46 St. James's Place
LONDON, S.W.1

RIDGE'S FOOD

for Infants and Invalids

WELL ADVERTISED to the GENERAL PUBLIC.

SAMPLES, ADVERTISING MATTER and SPECIAL DISPLAY TERMS ON APPLICATION TO:

ROYAL FOOD MILLS, LONDON, N.16

TO GET

INTO DIRECT TOUCH

with the best buyers of Drugs, Chemicals, and allied products

ALL OVER THE WORLD

use regularly the publicity service afforded by

THE CHEMIST & DRUGGIST

PURE ORANGE WINE

A. MILLAR & CO., LTD., DUBLIN

(VINUM AURANTII B.P.) Prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only)
Samples from Head Office, Thomas Street, DUBLIN, or London Office, 74 Great Tower Street, LONDON, E.C.3.

TRADE MARK REGISTERED NO. 462,940

"SPETON"

Originally known to the Medical Profession as "SPERMATHANATON."

Entirely free of Quinine and Cocoa butter

ANTISEPTIC PROPHYLACTIC TABLETS

Manufactured by The Temmler Chemical Works, Berlin. (New English Registered Packings of 12 Tablets) *Sole Agents for U.K. & British Colonies,* COATES & COOPER, 41 Gt. Tower St., London, E.C.3

A CHEMIST'S TEST of 'ASPRO' Window Display Against Competitive Lines

RESULT: 'ASPRO' DISPLAY Sold 10 times more than competitors'

We are frequently pointing out the wonderful pulling power of 'ASPRO' Window Display on account of its linking up with continuous and ever-increasing publicity. The following test of a display given by Mr. William Danson, M.P.S., will interest all chemists who wish to increase their business. The following letter is self-explanatory.

301, Regent Road,
Salford,

William Danson, M.P.S.
Chemist and Druggist.

Sept. 24th, 1928

Messrs. Gollin & Co.
Gentlemen,

Recently I made a display of 'ASPRO' along with two other brands of Aspirin Tablets. It was remarkable that during the period I sold about 6 Dz. 'Aspro' but only about ½ Dz. of the other two together.

Yours faithfully,

William Danson

LOOK! Read This ☛

'ASPRO' has a Tremendous Power to Build up a Chemist's Business

The above test should demonstrate what a great power 'ASPRO' Publicity is to help the Chemist. It is not only on account of the actual 'ASPRO' that it usually sells, but also on its great value in bringing customers into the Chemist's shop who would not otherwise have come in. Every time you put an 'ASPRO' window display in you connect up with a £250,000 continuous advertising activity just the same as if you put your own name at the foot of the advertisements. Why not write us for a window display to-day, also take advantage of the liberal bonus terms shown below whereby you can make an extra 17% profit?

Buy 'ASPRO' on Bonus Terms and Get 17% EXTRA PROFIT

Just have a look through your purchases of 'ASPRO' and you will find that you are in a position to buy on Bonus terms. Buying on Bonus terms means extra profit averaging 17% to you. So why not place your next order through your Wholesaler on Bonus terms?

'ASPRO' REG. TRADE MARK

WHAT THE BONUS IS

BONUS on 10's
- One Gross Order - - Bonus 1 dozen packets
- Half Gross Order - - Bonus ½ dozen packets

Half Gross 10's is minimum order accepted for Bonus purposes.

BONUS on 25's
- One Gross Order - - Bonus 2 dozen packets
- Half Gross Order - - Bonus 1 dozen packets
- Quarter Gross Order - Bonus ½ dozen packets

Quarter Gross is minimum quantity.

NO BONUS ON 60's.

CONDITIONS

The only conditions made are that the Chemist who buys on these terms undertakes to show Advertising matter in his shop window for 14 days and sell at advertised prices. As 'ASPRO' is so extensively advertised, this action will not only bring customers into the Chemist's shop to purchase 'ASPRO' but should enable the Chemist's staff to make other sales to the customers. Acceptance of Bonus is considered acceptance of conditions regarding display and selling prices. For Bonuses it is not necessary to buy both sizes at the same time, i.e., in single lots 6 dozen 10's or 3 dozen 25's will qualify the Chemist.

HOW TO ORDER BONUS PARCELS

We do not sell direct to the Chemist. All our business goes through Wholesalers. Orders may be sent either to your Wholesaler or direct to us. If to us, state the name of your Wholesaler so that we may forward the order on, and the Bonus will be supplied direct by us.

ORDINARY PRICES for 'ASPRO' are as follows:
- 6d. size containing 10 tablets, 4/6 dozen
- 1/3 size containing 25 tablets, 11/6 dozen
- 2/6 size containing 60 tablets, 21/- dozen

NOTE.—2/6 size contains 10 extra tablets.

'ASPRO' consists of the purest Acetyl Salicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

Agents—GOLLIN & CO. PTY. Ltd. ('Aspro' Dept.), SLOUGH, Bucks. *Phone: Slough 608.*

No proprietary right is claimed in the method of manufacture or the formula.

THE MALT THAT CANNOT CRYSTALLISE

MALT EXTRACT

MALT & OIL

The No Trouble Malt Extract

VITAMINE MALT FOOD

A combination of the Finest Malt Extract ever made and the A, B, C & D VITAMINES.

In 1-lb. and 2-lb. oval jars to retail at **1/9** and **3/-**

Printed own Name and Address.
Write for Samples and Prices.

JEFFREYS, MILLER & Co. Ltd.
LEYLAND MILLS, WIGAN

'Phone: WIGAN 327.
Telegrams: "MALTUM," WIGAN.

MARMITE

DOUBTLESS you have seen the striking Marmite advertising. Nobody could miss it. Your customers have seen it too. Like everybody else, they will want this great Yeast Food, so strongly recommended by medical authority. Will you help to make Marmite one of the most profitable quick-sellers you can stock?

Send your order now.

RETAIL PRICES

1 oz. Jars, per doz.	6/-	8 oz. Jars, ½ doz.	15/-
2 oz. „ „	10/-	8 oz. „ per doz.	30/-
4 oz. „ „	18/-	16 oz. „ ½ doz.	27/-
16 oz. Jars per doz.	54/-		

MARMITE FOOD EXTRACT CO., LTD.,
Mincing Lane House, 59, Eastcheap, London, E.C.3.

As Winter Goes On

—the public will become more and more interested in

MONSOL
BRAND

THROAT PASTILLES

retailed at

1/6 & 2/9 per box

the best nationally advertised pharmaceutical product of the day.

There will also be an equally strong demand for

MONSOL
BRAND

MEDICATED DENTAL CREAM

retailed at

1/- per large tube

Anti-Mosquito Sticks 1/- each	*Liquid 2/- bottle*

Ointment 2/- pot	*Internal Capsules 5/- bottle*

The Monsol Lines are all-the-year-round lines

MANUFACTURED BY THE MOND STAFFORDSHIRE REFINING CO. LTD.
47 VICTORIA STREET, LONDON, S.W.1

"Edme"

Malt Extract with Cod Liver Oil

Guaranteed pure and free from Preservatives

Manufactured from Selected Barley Malt and the Finest Norwegian Cod Liver Oil

Works: Mistley, Essex.

Write for quotation and sample

Edme Ltd 122, Regent St, London, W.1.

Telephone: Regent, 6719. Telegrams: "Edme, Piccy, London"

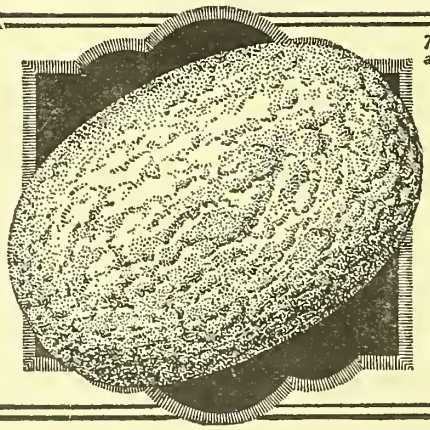
ESTABLISHED 1793.

The Best and Safest Infants' Medicine of over 130 years' standing.

ATKINSON & BARKER'S INFANTS' PRESERVATIVE

Does not contain any Scheduled Poison.

ROBERT BARKER & SON, LTD., 13 WESLEY STREET, C. on M., MANCHESTER



Two thirds actual size

Bath Rusks

Unsolicited testimonials daily for Carr's famous Bath Rusks which are ideal for babies and young children. Scores of letters from grateful mothers. Recommended everywhere.

Made only by

CARR'S of Carlisle

The Oldest House in the Trade

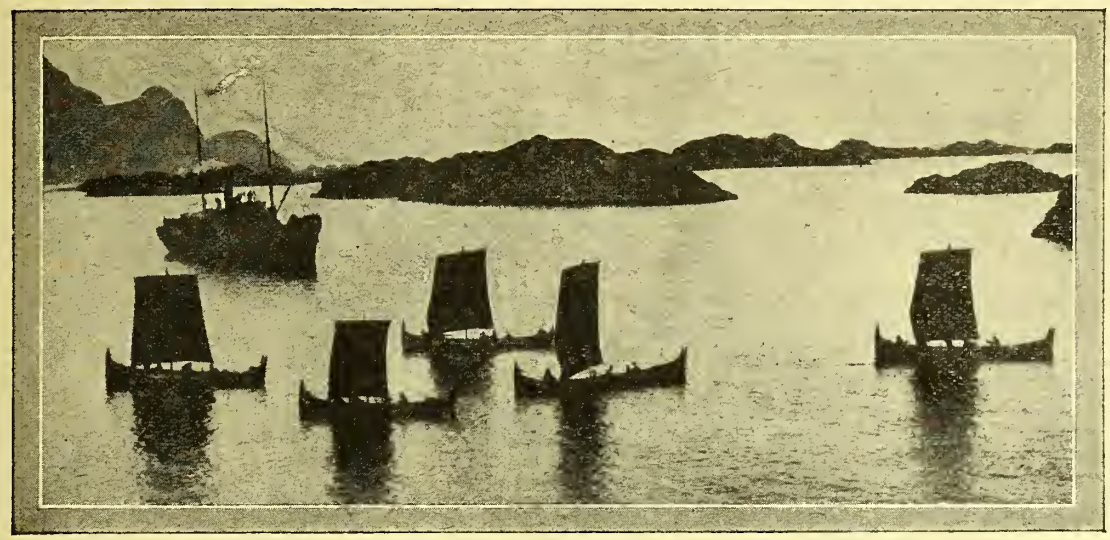


Photo Wilse

One Hundred Million Cod.

In the winter and spring of each year, huge shoals of cod make for the coasts of Norway. They are looking for a spawning place in the comparatively shallow waters close to land — not more than 25 to 50 fathoms deep — where they also find their food.

This regular annual migration means an extremely active fishing season for Norway, during which anything between 60 and 100 million pieces of cod may be caught.

Fishing takes place so close to land that the livers to be used for the manufacture of codliver oil reach the refineries on the same day as the fish are caught, and hence they are as fresh as they possibly can be.

It is for this reason that Norwegian medicinal codliver oil is so excellent in quality. Unexcelled in vitamin-content, it is practically tasteless and odourless.

Anti-rachitic
Growth-promoting

NORWEGIAN MEDICINAL CODLIVER OIL

1.

FABRITIUS, OSLO

Petroleum Jelly

White, Yellow, Amber, & Ruby Red, for all Pharmaceutical and Veterinary purposes

MEADE-KING, ROBINSON & CO., LTD.

22 Water Street LIVERPOOL. | 523 Salisbury Hse Finsbury Circus LONDON. | Deansgate Arcade MANCHESTER. | Martineau Street BIRMINGHAM. | Wellington Chambers LEEDS.

PETROLEUM JELLY

Best qualities Yellow and White B.P. Red Veterinary and Green.

GOUGH, KIDSTON & CO.

43/45 Gt. Tower Street, London, E.C.3

Tel. No.: Royal 2666 & 2667.
Tel. Add.: Kidstonism, Bilgate, London.

Also GUM ARABIC and TRAGACANTH BEESWAX and JAPAN WAX.

Works: Bermondsey.
Tel. No.: Hop. 2029.

ADEPS LANÆ, P.B.

THE FINEST BRITISH LANOLINE PRODUCED
IS MANUFACTURED BY

THE PHARMACEUTICAL LANOLINE CO.

Carnwath Road, Fulham, London, S.W.6

Telephone: Putney 1153 and 1154. WHO INVITE ENQUIRIES. Telegrams: "Batapo, Walgreen, London."

PETROLEUM JELLIES

WHITE, LEMON, YELLOW, AMBER, RED, GREEN.

WHITE & COLOURED OILS

YELLOW, GREEN, RED FOR BRILLIANTINE, etc.

LIQUID PARAFFIN

COLOURLESS, TASTELESS, ODOURLESS. ALL SPECIFIC GRAVITIES.

B.P. AND TECHNICAL QUALITIES

Wholesale Trade only.

STERNS LTD.

ROYAL LONDON HOUSE, FINSBURY SQUARE, LONDON, ENGLAND

Telegrams: "CENTUMVIR, TELEW, LONDON."

REGISTERED FOR OUR WELL-KNOWN BRANDS OF CERESINE WAXES.

CERESINE WAX

WHITE BLEACHED CARNAUBA WAX VARIOUS GRADES AND RESIDUE
BEESWAX WHITE, YELLOW AND COMPOSITION PARAFFIN WAX ALL MELTING POINTS
OZOKERITE WAX ALL GRADES

POTH, HILLE & CO., LTD.,

6 Lloyd's Avenue, London, E.C.3. *Works at Stratford, E.*

SITORA REFINING CO. LTD

Ask for Quotations and Samples.

OUR SPECIALITIES:

PARAFFINUM LIQUIDUM B.P.
TECHNICAL WHITE & HALF-WHITE OILS
COLOURED BRILLANTINE OILS

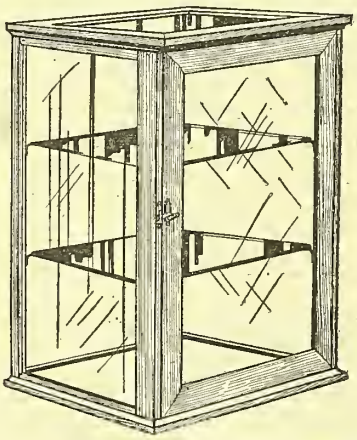
27 MINCING LANE, E.C.3 *Royal 2944.*

FOR
PARAFFINUM LIQUIDUM B.P.
All Specific Gravities Guaranteed to remain bright at 0°C
White & Half White Oils
B.P. White & Yellow Petroleum Jellies.
QUOTATIONS & SAMPLES
will be sent on application—

W.B. DICK & CO LTD

26 GROSVENOR GARDENS,
LONDON - - S.W.1.
Telephone: Sloane 3461 (7 lines).
Telegrams: Dicotto, Sowest, London.
and at
GLASGOW LIVERPOOL
NEWCASTLE CARDIFF

The IDEAL CASE



FOR YOUR COUNTER

42/6 EACH.

No. CD/SF **2509**. Solid Oak Framing. Dimensions: 2 ft. high × 1 ft. 3 in. wide × 1 ft. 3 in. deep. Clear glass all round and top, hinged door. Interior fitted two glass shelves. **42/6** each.

YOU NEED our List No. CD 1055. It contains 160 pages, each illustrated, of everything you require for your window display.

DUDLEY & COMPANY, Ltd.
HOLLOWAY, LONDON, N.7.
Head Office - - 451 HOLLOWAY ROAD.
And at 65 & 66 Fore Street, E.C.2

PETROLEUM JELLY
("SALVO PETROLIA")
BRAND
THE PERFECTION OF PETROLEUM JELLY
MANUFACTURED SOLELY BY
THE DEE OIL Co. LD.
D 23 & 24 EXCHANGE BUILDINGS
LIVERPOOL
TELEPHONE:- CENTRAL 3859
TELEGRAMS:- "CESTRIAN"
LONDON OFFICE
11 POULTRY, CHEAPSIDE, E.C.2. PHONE: CITY 8455
PACKED IN BARRELS, KEGS OR SMALLER PACKAGES IF DESIRED.
OTHER GRADES OF PETROLEUM JELLIES, WHITE BASES ETC.
WHITE OILS B.P. & Technical Qualities
SAMPLES & PRICES ON APPLICATION
OLEUM DEELINÆ (DEE OIL)
THE UNFAILING CURE FOR ECZEMA

ROBINSON'S *of* CHESTERFIELD *for* CARDBOARD BOXES

ROUND · OVAL · SQUARE · FOLDING

ROBINSON & SONS LTD.
CHESTERFIELD & LONDON

"SAMPLING" BOXES

Illustrated above are a few of our "Sampling" Boxes.

These little boxes are very neat indeed and are fitted with self-sealing lid which can be supplied either in the dredger type or plain.

Send for samples and prices.

ROBINSON & SONS, Ltd.

Manufacturers of ROUND, OVAL, SQUARE AND FOLDING CARDBOARD BOXES,

CHESTERFIELD

SUPPLIED IN ANY SIZE TO ORDER

STOCK KEPT IN LONDON

SIDAC SILVERINE

INSOLUBLE TRANSPARENT PAPER

SUPPLIED IN WHITE AND COLOURED, EMBOSSED OR PRINTED.

TOOTH BRUSH ENVELOPES. SPONGE BAGS.

BLOCK BOTTOM BAGS, &c.

"Like a Film of Flexible Glass it Protects and Beautifies."

SOLE AGENTS:

W. S. MUIR & Co. Ltd., 83 Upper Thames St., London, E.C.4

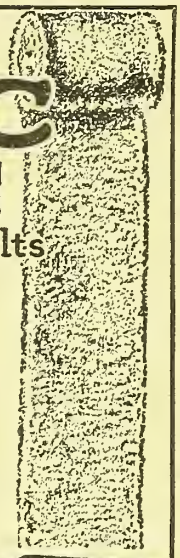
Telephone: CITY 6164, 0667. Telegrams: "SWAMUIRSTA, PHONE, LONDON."

A small display of

NORVIC

BLUE CARTON CRÊPE BANDAGES

brings surprising results



A small display on the counter or in the window attracts the better-class customers.

You can sell NORVIC bandages with the definite knowledge that they will bring repeats because they are dependable, extremely elastic and most durable.

P.A.T.A. PRICES.

	2"	2½"	3"	3
Cost:	12/-	15/3	18/3	21/3	24/3
Sell:	1/6	1/11	2/3	2/8	3/-

GROUT & CO., LTD.
35 WOOD STREET, LONDON, E.C.2

"Surco"

RELIABLE

ELASTIC HOSIERY
BODY BELTS
TRUSSES
SUNDRIES

WRITE FOR CATALOGUE

Surgical Hosiery Co., Ltd.
RUSSELL STREET
NOTTINGHAM

"Wimaco" Specialities, British and Best.

AIR CUSHIONS *Circular and Square Red Rubber. Highest Quality. Send for List.*

INSIST ON WIMACO MONARCH SEAL BRAND (Regd.). THERE IS NO SUBSTITUTE FOR WIMACO.

WINCHESTER MANUFACTURING CO., LTD., ISLEWORTH, MIDDLESEX

For *PILES* there is nothing to equal

THE DONOVAN PATENTED INSTRUMENT

The only instrument with a reservoir for Healing Balm.

PRICE 48/- per doz.: 7/6 Retail. Protected.

Ointment, 15/- per doz.

Extract from "MEDICAL ANNUAL, 1928" (page 559):—"*This is a great improvement upon the ordinary Rectum Plug. . . . The advantage is obvious and immediate relief is given to the patient.*"

Manufacturers: DONOVAN SURGICAL CO., Ltd., 306 Romford Rd.

FOREIGN AGENCIES AVAILABLE. [E.7

QUININE PESSARIES "SAFEGUARD" BRAND

Guaranteed prepared to the correct formula. Rubber Goods in great variety. WRITE FOR CATALOGUE.

BURGE, WARREN & RIDGLEY, LTD.

91/2 Great Saffron Hill, LONDON, E.C.1.

'Phone—Holborn 0050. Telegrams—Pessaries, Smith, London.

SIMPLIC (Patent) SOOTHERS

THE BEST MADE SOOTHER ON THE MARKET.

Each Soother packed in Dust-proof Carton.

No stale stock from exposure or handling.

2 dozen Soothers in Artistic Container, as illustrated.

Made in two sizes.

Ask also for SIMPLIC TEATS Each in Carton.

Packed in Display Outer of 3 dozen assorted Teats.

The Name "SIMPLIC" is a Guarantee of Excellence.

SIMPLIC SPRINGLESS TRUSS

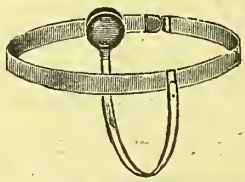
FOR BATHING AND EVERYDAY WEAR.

Made with Circular, Inguinal or Scrotal Pads.

INSTANTLY ADJUSTED.

FITS EVERY SIZE & SHAPE PERFECTLY.

SUITABLE FOR ALL CLIMATES.



CAN BE WORN AT ALL TIMES UNDER ALL CONDITIONS.

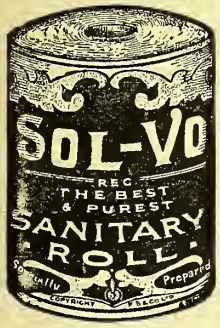
THE PERFECT TRUSS.

The SIMPLIC TRUSS is specially designed for Bathing. It gives just the correct support for each case.

ASK YOUR WHOLESALER FOR LATEST TERMS.

Manufactured by J. G. FRANKLIN & SONS, LTD., BIRKBECK RUBBER WORKS, LONDON, E.8. *Makers of Fine Rubber Products for over Sixty Years.*

SOL-VO SANITARY ROLLS & PACKETS.



SOL-VO
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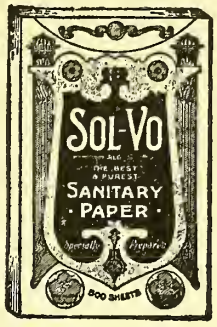

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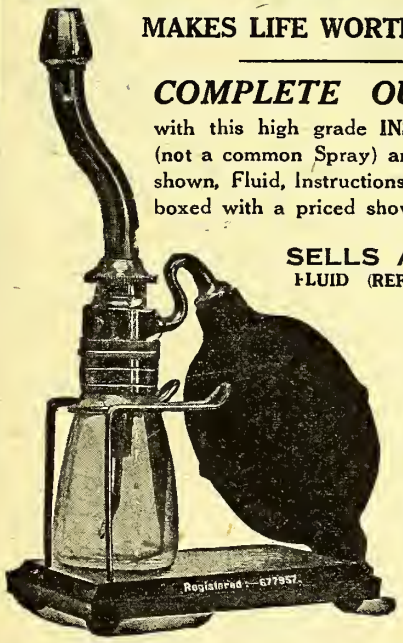

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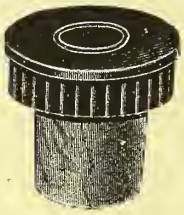

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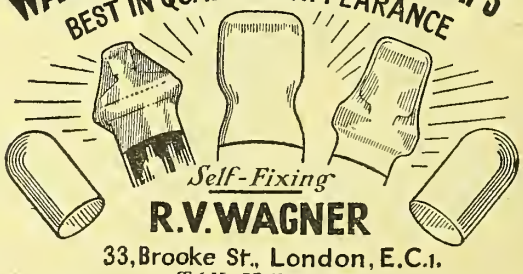

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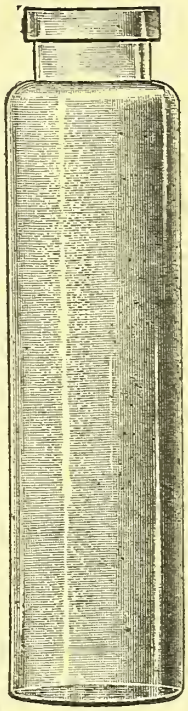

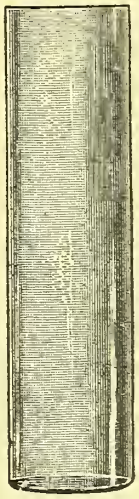

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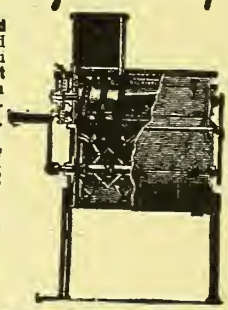

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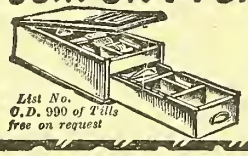

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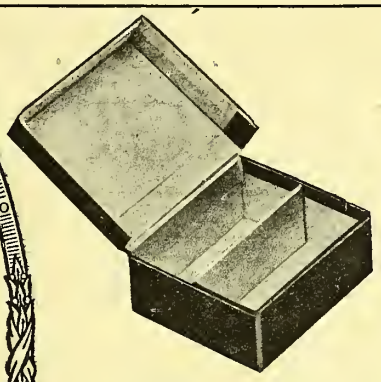

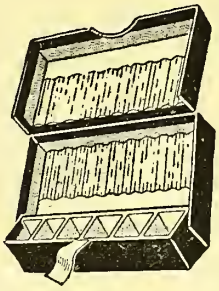

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WELL-ESTABLISHED Firm, calling on Doctors, Veterinary Surgeons, Roentengologists, Hospitals, can secure for U.K. a few sole selling rights of recent scientific preparations; advertising will be paid for. 136/756, Office of this Paper.

SALE BY AUCTION.

By Order of the Receiver and Manager, *re* H. Fayard et Fils, Ltd., removed from Brixton.

SALE ROOMS: 62a ALDERSGATE STREET, LONDON, E.C.1.
THE STOCK AND PLANT OF A MANUFACTURING PERFUMIER,
including a quantity of Oils, Spirits, Perfumes, Creams, Powders, etc., in bulk and packed, Filling Machines, Moulds, Scales, Mixers, a large assortment of Cut Glass and other Perfume Bottles, Jars, etc., a Morris Cowley Car with traveller's van body, Roll Top Desk, Typewriter, Iron Safe, Chairs, and other Effects.

FRANK G. BOWEN, LTD.,
will Sell by Auction at their Sale Rooms, as above, on
THURSDAY, NOVEMBER 8, 1928, at 11 o'clock.
On View day prior. Catalogues of W. Tiplady, Esq., F.L.A.A., Prudential Buildings, Huddersfield, and of the Auctioneers, as above.

The Association of Manfg. Chemists, Ltd.

Business Agency, Transfer and Valuation Department

Head Offices—**Kimberley House, Holborn Viaduct, London, E.C.1 (and at 2 Bixteth Street, Liverpool).**

PARKIN S. BOOTH, *Accountant and Valuer.* *'Phone:* City 1261-2-3

BUSINESSES FOR DISPOSAL

1.—STAFFS.—Established Chemist's Business; situated on main road; unopposed in Photo and Optics; returns £24 p.w., scope for increase; lease can be arranged; rent £65 p.a.; price asked, lease and goodwill, £150, fixtures and fittings £150, and stock approx. £450. Full particulars on application. (179.)

2.—LONDON, S.E.—Recently established Drug Stores, held on lease 14 years at £55 p.a., rising to £60 p.a. for last 7 years; premises consist of large lock-up shop with room at rear; returns average £12 per week; great scope for qualified man and N.H.I.; no reasonable offer refused. (181)

3.—MANCHESTER (District).—Old-established Dispensing Chemist Business in good-class suburb on a yearly tenancy at £120 p.a.; let off £117; returns average £27 per week, all cash; excellent opportunity as quick sale is desired; good reasons. (172)

4.—DURHAM CO.—Chemist Business for immediate disposal; lease can be arranged at £30 p.a. rent; takings £17; Kodak and Ucal Agencies; good living accommodation. (174)

5.—STAFFS DISTRICT.—Excellent opportunity for qualified man. Drug and Photographic Store on lease 5 years to run at £40 p.a.; returns £10 per week; could be easily trebled; good living accommodation; full particulars on application. (169)

6.—HULL.—Dispensing and Family Chemist Business in busy thoroughfare (which will shortly become a main road owing to alterations); rent £26 on a yearly tenancy, which can be secured; returns £900 p.a.; lock-up shop; good prospects for a young qualified man. Further particulars on application. (170)

7.—SOMERSET.—Drug and Photographic Business; premises, which consist of lock-up shop with room at rear, held on lease with 8 years to run at rental of £88 p.a. inclusive; good scope for live man; price asked £400. (178.)

8.—LONDON, S.W.—Very old-established Family Retail and Dispensing Business, occupying prominent corner position in busy thoroughfare; lock-up shop with storage accommodation; held on advantageous lease at £100 per annum; returns approximately £2,300 per annum; can be increased under personal management. Full particulars on application. (148)

9.—LONDON, N.—Old-established Retail Dispensing Cash Pharmacy, with N.H.I.; well fitted and good stock carried; premises, which consist of nice pharmacy, dispensary and six rooms, to be disposed of freehold at £1,250; returns average approximately £24 per week; can be increased with capital; no reasonable offer refused. (182)

10.—LONDON, N.W.—Retail Dispensing Business on 13 years' lease at £52 per annum inclusive; returns £1,000 p.a.; excellent opportunity for young qualified man. Further particulars on application. (183)

11.—SHEFFIELD.—Established on February 1 last; turnover £12 to £15 per week; rent £40 per annum; five years' lease from February 1; stock about £400, fixtures £300-£350. Further particulars on application.

12.—SOUTHEND-ON-SEA.—For immediate Disposal, Chemist's Business, in busy centre; premises consist of lock-up shop, with Dispensing and storage room; rent £200 per annum, progressive; returns average £1,500, could be increased. Fullest particulars on application. (175)

13.—WANTED.—Two Chemists' Businesses in or near London; net profits not less than £1,000 per annum. All communications treated with strictest confidence.

14.—CARMARTHENSHIRE.—Old-established Chemist's Business situated in good position on main street, with living accommodation; held on lease for 7-14 years; rent £400 p.a.; returns average £35-£40; could be increased; stock approx. £8-900. Further particulars on application. (176)

15.—LANCS.—Old-established Chemist's Business, with Wine Licence; premises consist of shop and dwelling-house; property for sale, £1,000. Full particulars on application. (177)

16.—WHOLESALE.—We have for disposal an old-established Business of Druggists' Sundriesmen having to vacate premises owing to termination of lease; are willing to dispose of their stock-in-trade, valued approximately £3,000/5,000, to wholesale house at cost price and to transfer goodwill of business; turnover approximately £15,000 p.a. Consideration, owner being employed by firm on terms agreeable.

17.—LONDON, N.—Established Chemist's Business; premises, which include convenient living accommodation, held on lease, 15 years to run; rental £50 p.a.; stock approx. £285; price asked £550, all at. Further particulars on application. (180)

Stocktaking and Valuation of Businesses undertaken at moderate inclusive fee. Chemists are invited to consult us in respect of their requirements in connection with sale or purchase of businesses. Chemists in the North are requested to communicate with our Liverpool Offices.

BERDOE & FISH

CHEMISTS' VALUERS AND TRANSFER AGENTS,

41 Argyle Square, KING'S CROSS, W.C.1

(One minute from St. Pancras and King's Cross Stations.)

1.—NORTH MIDLANDS.—Good class Country Business in pleasant residential town; returns about £2,500; good profits; books audited; nice house and garden fully stocked; price £1,600, freehold £1,300.

2.—SOUTHAMPTON (Near).—Light Cash Retail, with Kodak Agency; no immediate opposition; returns over £1,900; scope for increase; audited accounts; large shop with house available; garage, etc.; well fitted and stocked; price £1,500, or near offer.

3.—YORKSHIRE COAST.—Light Retail Dispensing and Photographic, in popular resort; returns £2,350; excellent stock; good house and pharmacy; price £1,850.

4.—WILTS.—Unopposed Mixed Country Retail; returns last year nearly £1,500; net profit £400; large house, garden and storage; owner going abroad; price with freehold £1,350.

5.—ESSEX COAST.—Light Family Retail; same hands many years; retiring; returns about £1,500; net profit £400; no Photo or other side lines; plenty of scope; good house and garden; price with freehold £2,000.

6.—HOME COUNTY.—Old-established Business, in central position of progressive industrial town; returns approach £3,000 under management; books audited; scope for increase; heavily stocked; price £2,600.

7.—SOUTH COAST.—Good-class Business, with branch; easily worked; returns £4,400; living accommodation at branch; price £3,500, or valuation terms arranged.

8.—CHESHIRE.—Sound Cash Retail, with large Panel; returns £950 net profit £338; low rent; house attached; excellent stock; price £500.

9.—LONDON, N.W.—Light Cash Suburban, with Kodak Agency; returns £3,200; good main road position; books audited; handsomely fitted, fully stocked; price £2,600.

10.—LONDON, N.—Cash, working-class, Retail Business; unopposed; returns £24 weekly, increasing; long lease; well fitted and stocked; price £750; worth attention.

11.—LONDON, S.W.—Well-established, Light, Cash Retail, with N.H.I.; returns £2,000, under manager; low expenses; good stock; price £1,150.

STOCKTAKING VALUATIONS.

We are now booking dates for November onwards, and invite early application. Terms on application.

Estab. 1870. Telephone: Terminus 3574.

Write **ERNEST J. GEORGE**

ABOUT THE BUSINESS YOU HAVE TO SELL OR REQUIRE.

Private Register kept of Businesses For Sale and Required.
Strictest confidence observed.

7 SOUTHAMPTON ROW, LONDON, W.C.1 *Tel.: Holborn 8158*

3 St. Paul's Close, WALSALL *Tel.: 774 & 1000 Walsall*

BRETT & CO.

All valuations have the personal attention of F. J. Brett, M.P.S.

TRANSFER AGENTS AND VALUERS,

20 SPRINGFIELD RD., LEICESTER. *Telephone:* 1934

BUSINESSES WANTED.

Number of Buyers with Cash Ready in most districts.

CHARLES C. MARSDEN, F.N.A.A.

Chemists' Valuer, Transfer Agent and Stocktaker

44 SHOLEBROKE VIEW, LEEDS.

Businesses wanted in YORKS.—Good suburban or country business. Cash waiting up to £2,500. Middle class Cash Retail & N.H.I. With good house preferred. Price, £1,500. For disposal in WEST RIDING.—Chemists' businesses at £400, £650, £750 & £900.

CHARLES E. NAYLOR, F.N.A.A.

CHEMISTS' VALUER AND TRANSFER AGENT,

IF YOU DESIRE TO PURCHASE OR TO SELL
A CHEMISTS' BUSINESS
WRITE TO ME.
STRICTEST CONFIDENCE OBSERVED.

170 Vesper Rd., Kirkstall, Leeds *Phone: Horsforth 324*

BUSINESSES FOR DISPOSAL.

ARDWICK, MANCHESTER.—For Sale, Chemist's Business; small, but well-equipped shop with large store room above, situate in a thickly populated district, to be Sold as a going concern, to include stock and fixtures, etc.; long lease at moderate rent; price £450. Full particulars from Messrs. Duncan B. Gray & Partners, Westminster Bank Chambers, Lord Street, Southport.

BIRMINGHAM.—Chemist and Druggist, old-established; death cause of sale; low ingoing and rent; offices for immediate disposal. Richard Hancock, 1 Cannon Street, Birmingham.

BIRMINGHAM (Erdington district).—Freehold newly-erected double-fronted shop, with living accommodation, for sale; no competition; rapidly developing district; tram terminus; unique opportunity for young qualified Chemist with small capital; Panel Dispensing, Camera Supplies and Toilet Requisites; easy terms if desired. Neale & Alldridge, 33 Newhall Street, Birmingham.

BLACKPOOL.—Established 7 years; turnover £1,860, increasing; stock and fixtures approximately £1,100; excellent profits; good reason for disposal; lease arranged, £150 per annum; £1,500 for quick sale; genuine bargain, which will be withdrawn if not sold quickly. Apply 2/35, Office of this Paper.

DORSET (near Bournemouth).—Good high-class Chemist's Business for Sale; prominent position centre of shopping area; good living accommodation; same hands 20 years. 136/760, Office of this Paper.

HAMBLEDON, HANTS.—£300. Chemist's Business for Sale; no opposition; only chemist in village; stock at valuation; splendid opportunity for anyone with small capital; rental £25 per annum; house above shop. Premises can be bought from W. B. Duncan, Chemist, Hambledon.

MIDLANDS.—Main road position; manufacturing town; attached, for Disposal; all cash trading; Kodak and Rexall weekly; neatly fitted Pharmacy and well-stocked; good residence attached; gas and electric light; on lease at moderate rental; price £1,000, or offer; owner interested in a larger business. 4/18, Office of this Paper.

SOUTH COAST HEALTH RESORT.—Neglected old-established well-stocked, good-class Retail, with valuable proprietaries and Kodak agency in main thoroughfare; owner retiring; net profit £408; price £1,050. Full details to genuine buyers giving references. 5/6, Office of this Paper.

SOUTH COAST (Popular Resort). — Business, with house attached, for disposal, all cash trading; Kodak and Rexall Agencies; good Photo and Toilets; little Panel; roomy shop, well fitted, and large range of stock; turnover, at good profits, £4,500; lease 21 years, at £176; rates £24; price £3,600, or Freehold Property may be purchased; price, including business, £6,500; cash buyers only, giving banker's reference; genuine offer, giving unlimited scope for enterprise. 6/14, Office of this Paper.

SOUTH-WEST LANCASHIRE.—Good light Retail and N.H.I. Dispensing Business for Disposal; will bear strictest investigation; turnover £1,400; profits much above average; rent £38; rates £19; price £1,200; no triflers. Apply, with references, 6/31, Office of this Paper.

WEST MIDLANDS.—Profitable Country Business; has been neglected; takings £700; has done £950; low expenses; electric light and water; lease; no opposition; price £500. 2/31, Office of this Paper.

WEST WALES (seaside resort).—Good-class Mixed Country Business; no opposition; returns steady in spite of depression in industrial districts; electric light, gas; golf, fishing, etc.; very pleasant neighbourhood; net profits £400-£500; freehold property; good reasons for disposal (private); a rare opportunity; full particulars; banker's reference. 3/30, Office of this Paper.

WESTERN SUBURB (Working and Middle Class).—Genuine well-established light Cash Retail business, with N.H.I. and Kodak Agency; also very small Optic connection, which could be developed; returns £1,893; books audited; good stock; thirteen years' lease; sublet at more than rent; banker's reference required; price £1,175. P.C.B. 64/5, Office of this Paper.

BRANCH Pharmacy in Midlands, recently opened; beautifully fitted and well stocked; Kodak Agency; electric light; house attached; fixtures, fittings and stock all new; good opening for Optics; rent £1 per week; ten years' lease (renewable); price £450 all at for quick sale. Further particulars on application. 4/35, Office of this Paper.

EXCEPTIONAL opportunity occurs to secure an old-established Business in good position on main road of busy South-West London; long lease; pre-war rent; small overheads; ill-health necessitates immediate sale. Reply P.C.B. 63/36, Office of this Paper.

FIRST-CLASS Chemist's Business for Disposal in good residential town 40 miles from London; turnover £5,500; very best position; modern, handsomely fitted pharmacy; excellent stock; only genuine buyers with £5,000 need apply; banker's reference required. "South," 136/765, Office of this Paper.

HIGH-CLASS SURGICAL BUSINESS for Sale, with Proprietary Department, in Yorkshire; living accommodation; main road; easy rent; lease; ill-health reason for selling; attractive bargain for quick sale. Apply 135/718, Office of this Paper.

HIGH-CLASS Business in the best position in a home Spa; returns over £2,300; stock at invoice prices, fittings at valuation; vendor, who is retiring from business, owns property, and would prefer to dispose of business and property; price and further details on application. 3/4, Office of this Paper.

UP-TO-DATE Drug and Photographic Stores, S.W.; fairly fitted and stocked; weekly takings £16; good profits; seven rooms; side entrance, with plenty of storage; grand chance for M.P.S.; big scope for N.H.I.; all at £300; part cash can remain. 136/763, Office of this Paper.

£850 WILL purchase old-established Chemist, Newsagent and Stationery Business; returns last year £1,500; scope for improvement and Optics; small N.H.I. and Photographic; good house; electric light throughout; rent £52 and rates; cash buyers only. "Chemist," 24 Sceptre Street, Newcastle-upon-Tyne.

BUSINESSES WANTED.

CHEMIST desires to Purchase Business, with living accommodation, in Home Counties, South of the Thames, or near South Coast; capital available up to £1,000. Please give full particulars to "M.P.S.," 4/11, Office of this Paper.

PHARMACIST (single) desires to Purchase good, sound Business, town or country; if necessary will manage view early succession. Fullest particulars, please, in confidence, first letter; banker's reference. "Genuine," 6/19, Office of this Paper.

WANTED to purchase a Drug Store, with or without accommodation; price must be reasonable; neglected might suit if with scope; East or South London preferred. Particulars (in confidence) to "Statim," P.C.B. 63/22, Office of this Paper.

1929.—ADVERTISER wishes to get into communication with Chemist in London or near who anticipates selling his Business towards the end of present year. Particulars only as regards location and approximate cost asked for in first instance. If required bankers' references supplied before further details need be given. All correspondence treated in strictest confidence; cash transaction. Partnership also considered. 3/2, Office of this Paper.

PREMISES FOR SALE.

SOMERSET (Rapidly Growing Seaside Resort).—Newly-built Double-fronted Shop; wood block floor; eight rooms, bath (h. & c.), garage, back entrance; main road; best position; new district; suit Chemist; price £1,800. 6/30, Office of this Paper.

PREMISES TO LET.

TO Let, old-established Chemist's Business Premises, including Residence (licensed for the sale of Wine and Spirits), 41 High Street, Maryport; vacant possession. Apply Ritson & Co., Ltd., Maryport, Cumberland.

PATENT FOR DISPOSAL.

IMPROVEMENTS relating to the Preparation of Colloid Solutions. The owner of Patent 246,570 desires to develop this invention in Great Britain, and will sell the Patent Rights or grant Manufacturing Licences on reasonable terms. Apply to Bromhead & Co., Chartered Patent Agents, 30 Ludgate Hill, London. E.C.4.

PARTNERSHIPS.

PARTNER wanted; moderate capital required; growing business in new and thickly populated suburban district of London; good opportunity for qualified and enterprising man. Apply 5/19, Office of this Paper.

PARTNERSHIP offered in an old-established Chemist's Business near Bristol; advertiser, having manufacturing interests, wishes to be relieved of management of Retail; good scope for deevlopment of modern business-building ideas, also for introduction of an Optical department. Apply 6/10, Office of this Paper.

YOUNG man with £300 desires Partnership; unqualified, but thorough knowledge of trade. 3/8, Office of this Paper.

SITUATIONS OPEN.

RETAIL.

[HOME.]

BRIGHTON.—Improver or Junior wanted at once. Reply, giving full particulars (with photo) as to experience, salary, etc., Benham, Chemist, 6a Queen's Road, Brighton.

BRIGHTON.—Junior Assistant required; must be smart counterman with knowledge of Photography and window dressing. Please state age, height, references, salary required and enclose photo, if possible (or apply personally). Prestons, Dispensing Chemists, 32 Old Steine, Brighton.

LONDON, S.W.1.—Qualified Junior Assistant (male) required. Apply, giving usual particulars and salary required, to Bradley & Bourdas (Belgrave Road), Ltd., 43 Warwick Street, S.W.1.

LONDON, N.W.—Assistant wanted, qualified or first-class unqualified; must be of good appearance and between 28-35 years; can commence at once, or advertiser is willing to wait for suitable applicant; Sunday duty mornings and evenings; 1½ days' holiday, in the week; only first-class men need apply; please state age, references, wages, etc. Applicants not answered 3 days respectfully declined. 2/32, Office of this Paper.

LONDON, S.E. — Energetic qualified Manager (married) required for business with house attached; good agreement for increase in takings. Apply, stating age, previous experience, salary required, and when at liberty. 2/30, Office of this Paper.

LONDON, N.—Qualified Assistant to take charge of branch, Light Retail, Photographic and Dispensing; some knowledge of Optics preferred; progressive position. Please give full particulars, salary required and when available in first letter. 5/11, Office of this Paper.

LONDON, W.4.—Unqualified Assistant required for a quick Cash Retail business; window dressing; Photographic sales and Dispensing experience essential. Apply, giving full particulars of previous experience in first instance, to 4/37, Office of this Paper.

PENRITH.—Qualified man wanted as First Assistant; must have had good experience, able to take charge, and preferably accustomed to Veterinary business; good references essential. State age, experience, salary required, etc., to Thos. Edmondson, Ltd., Chemists, Penrith.

STREATHAM, S.W.16.—Wanted, young Junior or Improver (male) for high-class Dispensing business. Apply, giving full particulars and salary required, to A. E. & G. L. Weston, Chemists and Opticians, 284 High Road, Streatham.

VICTORIA HOSPITAL, Lovedale, South Africa.—Required, Lady Dispenser, qualified M.P.S., unmarried, with typewriting and bookkeeping, and possibly shorthand; salary £150/£10/£200, board, quarters and laundry. Particulars from Charles Guthrie, W.S., 3 Charlotte Square, Edinburgh.

WINDSOR.—Gentlemanly Assistant required, aged 25-30, good address, capable and energetic. Please give full particulars in first letter to Mr. J. Hewitt, Russell & Co., Chemists, Windsor.

A SMART Junior or Improver, age 18 to 20, with Dispensing and Counter experience, wanted immediately; good progressive place for the right man. Apply personally, mornings 10.30 to 11.30, the Manager, Durbins Drug Stores (Ealing), Ltd., 66 The Broadway, Ealing, W.5.

APPRENTICE, gentlemanly, good appearance; must have passed Preliminary examination; live out. Battles, Chemists, Stonebow, Lincoln.

ASSISTANT, Junior, unqualified (male), for quick Retail, Photo and N.H.I. business. Apply, stating age, height, salary (outdoor) required, and photo (to be returned), to Rowland, 8 Hessle Road, Hull.

ASSISTANT, unqualified, or young Qualified Man required; smart, capable Dispenser. Apply personally to Wavell & Co., 328 Vauxhall Bridge Road, Victoria, S.W.1.

ASSISTANT, unqualified, for good-class business; must be good Counterman and accurate Dispenser, with knowledge of Photography. Send full particulars, age, height, references, experience, salary required, when disengaged, and enclose photo (snap), to be returned, Astle, Chemist, 5 Parliament Street, Nottingham.

ASSISTANT, unqualified, for good-class Family business for South-West London; must be good salesman, window-dresser and stock-keeper; permanent and progressive post to right man. Also Junior for South Coast. Send full particulars of age, height, salary, experience and references in confidence. J. Simpson, 75 West Street, Brighton.

COMPETENT male Assistant for Counter and Optical Room; must have J.C.Q.O. qualification. Write, giving age, experience, and salary required, "London," P.C.B. 63/21, Office of this Paper.

HUBERT B. FIGG, Chemist, Berkhamsted, requires qualified lady Assistant to manage branch. Send full particulars as regards age, height, wages, experience, etc., with first letter, including photo (snap), to be returned.

JUNIOR Assistant, young, for Retail and Stock. Please state full particulars, when disengaged, and enclose photo. Lester, Chemist, Canterbury.

JUNIOR Assistant required. Apply, by letter, with full particulars of experience, age, height and salary required to Parkes Chemists Ltd., 65 Harmood Street, London, N.W.1.

JUNIOR Assistant; young; accustomed to good-class Dispensing and Retail business. Please state age, height, references, salary required outdoors, and enclose photo. E. Bing & Son, Pharmaceutical Chemists, Canterbury.

MANAGER for branch shop; age 25-40; must be thoroughly capable man, experienced in every branch; house and garden; good references essential. Apply, stating age, height, experience, and salary required, photo (returned), W. E. Allen, Petersfield, Hants.

QUALIFIED Assistant required; take charge branch shop. Address inquiries to H. W. Dix, Ltd., 23 Commercial Street, Pontypool.

PARKES CHEMISTS, LIMITED, have a vacancy for a lady Dispenser (Hall certificate), with some Counter experience. Apply by letter, with full particulars of experience, age, height and salary required, to the Secretary, 65 Harmood Street, London, N.W.1.

QUALIFIED Manager for good business, small town near London; must be experienced, active and thoroughly capable; Optical qualification an advantage; good salary and share of profits to good man. Send photo, age, married or single, experience, to Relph, Chemist, Stevenage.

SMART Junior or Improver, lady or gentleman, for S.W. suburban business. State age, references and salary required, enclose photo, to be returned. Apply to 5/10, Office of this Paper.

WANTED, immediately, qualified Manager, with Optical qualification, for Manchester district. State age, experience, salary required, with references (and photo), to "J. M.," 43 Tewkesbury Drive, Sedgley Park, Prestwich, Manchester.

WANTED, London Manager qualified, for branch; Window-dresser, Photography, N.H.I. Dispensing; lady not objected to. Apply Bewells' Ltd., 19-21 Pitfield Street, N.1.

WANTED, at once, Junior Assistant, young, male, for good-class Family business. Full particulars, age, experience, salary required, etc., to H. C. Neve, 1416 London Road, S.W.16.

WANTED, young, unqualified Assistant, with good appearance and references, in healthy district, N.W. London; Window-dressing, Dispensing and Kodak Agency; good prospects for worker. Full particulars to 2/24, Office of this Paper.

WANTED, Unqualified Assistant to take charge of small Branch at Leigh-on-Sea; age 30 to 35; used to good-class Retail. Apply by letter to "N.," 51 Harberton Road, Highgate.

WANTED, for Liverpool district, an experienced, Qualified Manager, married; good living accommodation available. Please state fullest particulars to District Manager, Taylors Drug Company, Ltd., 78 London Road, Liverpool.

WANTED, a qualified Manager for small branch shop; house attached. Apply, giving references and salary required, to 5/27, Office of this Paper.

WHOLESALE.

AN old-established house dealing with Chemists requires an Assistant to train for possible Colonial appointment later; Retail experience necessary and some travelling experience an advantage. Applicant must be single, above 23 years of age, and must give full details of experience, which will be treated in strict confidence. References must be submitted and if convenient a photograph. Apply "Colonial," 136/749, Office of this Paper.

INQUIRIES invited from Buying Agents or Representatives carrying other lines to Retail Chemists, etc.; particulars of scope can be seen in current advertisement. Write fully (in confidence) to American Hard Rubber Co. (Britain), Ltd., 13a Fore Street, London, E.C.2.

LABORATORY Manager required (qualified), able to manufacture all Galenicals; good organiser and disciplinarian essential. State experience, age, and salary expected. 136/762, Office of this Paper.

LIVE Selling Agents wanted in Dublin and Belfast to introduce well-advertised proprietary line to Chemists; only applications from those with first-class connections and proved selling ability will be entertained; liberal terms. 136/757, Office of this Paper.

LONDON Medical Detail Representative shortly required; must be well introduced to Consulting Physicians, Hospitals and Institutions; gentleman with Pharmaceutical qualifications and first-class knowledge of Endocrine Therapeutics desirable. Applicants should state age, experience, in confidence. Apply "Glands," 136/735, Office of this Paper.

OLD-ESTABLISHED house of Essence Distillers require Representative; must possess thorough knowledge of trade, own car, and have live connections in Wales and West Country; good salary, expenses and commission to the right man; no consideration given to others. Box L.93, Gordon House, Farringdon Street, London, E.C.4.

PERFUMERY AND BEAUTY PREPARATIONS.—Manager required for the Wholesale Department; must have thorough knowledge of same, and be able to engage, instruct, and control travellers and agents; good prospects for an absolutely reliable and hard-working man. Apply, with full particulars, 136/734, Office of this Paper.

REPRESENTATIVE.—An old-established firm of Manufacturing Chemists require the services of a first-class Representative (Midlands) for propaganda work (medical men) and trade buyers; applicants must be experienced interviewers, and clever, successful salesmen, with own car; progressive and permanent post. Full particulars (in confidence), stating age, qualifications, and previous engagements to 136/750, Office of this Paper.

EPRESENTATIVE.—Young, active Salesman wanted to call on Chemists in the West of England and South Wales for -established London house specialising in Compressed Medi- es, etc. Retail experience essential; applicants must state finitely in first letter experience, age, and remuneration uired, also when available. 136/751, Office of this Paper.

EPRESENTATIVE FOR LONDON. — First-class man required, used to calling on medical men for drugs and cialities; good experience essential; splendid prospects. Apply . Y. Z.," 136/759, Office of this Paper.

EPRESENTATIVES required for well-advertised Perfumes, Powders, Creams and Toilet Preparations as additional e; commission basis; must have good connection chemists, irdressers and stores. State fully in confidence lines carried, ritory and commission required. 4/27, Office of this Paper.

EPRESENTATIVES required in all territories to develop present sales of high-class advertised Toilet Preparations; y real live salesmen able to prove good records and with nd connections with chemists, stores and high-class hair- essers need apply; splendid opportunity for first-grade sales- n. Write fully, with details of territory, lines carried, turn- r, etc., in strict confidence, to 4/26, Office of this Paper.

EPRESENTATIVES, with live Chemist connections, required to carry additional line on commission basis; lines already ried must not clash with advertiser's. Give full particulars to lines carried and ground covered, in confidence. 7/2, ice of this Paper.

HE directors of a private limited company of Manufacturing and Retail Chemists in North of England invite applica- ns for the post of General Manager; the person appointed will e to be a man with organising and constructive ability, able of supervising manufacture and controlling staff. plicants should apply with full details of qualifications and erience, stating salary required, to 136/753, Office of this per.

HOROUGHLY competent Invoice Clerk (male) wanted in the Home Department of a London Wholesale Druggists; y those with first-class similar experience need apply. State l particulars, age, and salary expected to 136/764, Office of s Paper.

RAVELLERS wanted at once for London and provinces to sell well-known make of Herbal Cigarettes; only those with d Chemists' connection need apply; good salary and com- sion given. Write Asthsmoka Herbal Cigarette Co., 181 een Victoria Street, E.C.4.

VANTED, first-class Travellers to carry well-known Safety Razor on good commission terms; state the territory rked and line carried. 136/741, Office of this Paper.

VANTED, Representative to carry side line in good selling line Tooth Paste; excellent commission basis; to call on tail Chemists, etc. Write 136/761, Office of this Paper.

VANTED, Sole Representative for London (Chemist pre- ferred, but not essential), commission only, to establish encies with Chemists only. Reply, with full particulars, to 52, Office of this Paper.

SITUATIONS WANTED.

RETAIL. [HOME.]

A.A.—ASSISTANT, experienced all branches, abstainer, disengaged, middle-aged, seeks permanency; ibitious; quick; reliable; not afraid of work; accept low ary; offers invited; interview if desired; unregistered. mbitious," BM/ZP6N, London, W.C.1.

A.A.—QUALIFIED, excellent experience all branches of Retail, University Graduate, seeks post, London, or cum. P.C.B. 64/3, Office of this Paper.

A.A.—EXPERIENCED Assistant; Dispensing, Counter and Window, etc.; 12 years in Retail pharmacy; London d provincial; unqualified; capable of taking charge; aged 28; rried. Darling, Rural Cottage, Sandown, I.W.

A.A.—EXPERIENCED Assistant or Locum; single; Dispens- ing, Counter, Windows, Prescribing; obliging; rgetic. Harries, 11 Trigon Road, S.W.8.

A.A.—M.P.S.; age 28; reliable, trustworthy; excellent experi- ence and references; Assistant or Managing. Shep- rd, Plymstock, Plymouth, Devon.

—ASSISTANT, unqualified, married, desires permanency where good work will be recognised; moderate salary. tatim," 16 Stanwick Road, Kensington, W.14.

V. E. GARLICK, Chesham, desires to recommend; qualified; all-round medium and high-class experience; used to naging; some knowledge Optics; disengaged now; Midlands, essential. Brown, Broadway, Chesham, Bucks.

CAPABLE lady Dispenser desires experience; willing to assist with books or learn counter; disengaged; moderate ary. 5/33, Office of this Paper.

GENTLEMANLY middle-aged Assistant, unqualified, seeks berth; 5 ft. 9 in. in height; 10 stones; served apprentice- p; good personal address; quick Counterman, neat Dispenser; ctual; attentive to business; widower; no children; or would ept post as Manager of Drug Stores on salary and commission. 18, Office of this Paper.

A MINOR lady, 25, fully experienced, not afraid of work, desires post; managing at present; disengaged shortly. "P. C. B.," 63/20, Office of this Paper.

A POSITION required as Manager; qualified; experienced; view interest in business or succession entertained; dis- engaged; Midlands preferred. 6/26, Office of this Paper.

A RELIABLE Manager; 36; qualified; abstainer; disengaged; married; London or suburbs; experienced all branches. "M.," 21 Whittingstall Road, Parsons Green, S.W.6.

A RELIABLE Dispenser, all-round man, seeks permanency; small salary for comfortable post. "Ajax," 14 Daisy Road, South Woodford, Essex.

AS Locum; qualified; long experience in all branches; active; excellent references; terms moderate. "S. C. I.," 54 Priory Road, West Hampstead, N.W.6. 'Phone: Hampstead 7151.

AS experienced man; Manager, Senior; Drug Stores; Prescriber, Salesman, Dispenser; smart, quick, neat. "G.," 130 Scott-Ellis Gardens, N.W.8.

AS Manager or Superintendent; experienced; highest testi- monials; disengaged; moderate terms. "M.P.S." Tamar House, Stourvale, Christchurch.

AS Manager, 32, qualified, experienced all branches, including Optics, Wine and Spirit, etc., desires change; Yorkshire or Lancashire for preference. 5/28, Office of this Paper.

ASSISTANT or Locum; Counter, Dispensing, Photography; energetic; active; unqualified; good references; disengaged. "K.," 62 Blenheim Road, East Ham, E.6.

ASSISTANT; 33; married; 12 years' experience; good-class Retail, Dispensing and Photographic business, with living accommodation preferred, but not essential. Andrews, 101 Boundary Road, St. John's Wood, N.W.8.

ASSISTANT; unqualified; 25; experienced all branches; excel- lent references; Birmingham or near preferred, not essen- tial. Browning, "Bungalow," Wollaston, Stourbridge.

ASSISTANT, 24, unqualified, excellent references, and experi- ence in Dispensing, Counter and Photographic work (includ- ing D.P.), seeks situation, anywhere; disengaged. Caldwell, 178 Valetta Road, W.3.

ASSISTANT, 21 (referred Pharmacy), desires position as Junior in good-class Dispensing business; London or suburbs preferred, but not essential; five years' Counter and Dispensing experience; disengaged; excellent references. W. Reynoldson, Wheatley House, Dipton, Newcastle-on-Tyne.

ASSISTANT; age 21; tall; good, all-round experience, Counter, Dispensing, Photography, and Veterinary work. Write "Hetherington," 6/24, Office of this Paper.

CHAUFFEUSE-DISPENSER (Hall) requires post with Doctor or Hospital; Locum experience with Doctor and Eye Infirmary. Oswald, "Byers Garth," Sherburn, Durham.

CHEMIST, 31, married, requires post; experienced. Griffiths, Chemist, Henllan, Cards.

COVENTRY preferred; lady; 22; tall; 6 years' good all-round experience; excellent references. Tyler, "Bridgwater," Botley Road, Oxford.

DISENGAGED; unqualified; middle-aged; active; reliable Dis- penser (Insurance or Private), Stock-keeper, Counter. Fletcher, 91 Duncombe Road, Holloway, N.19.

DISENGAGED.—Experienced Pharmacist; whole or part time; will accept Locum; moderate salary. "Chemist," "Lauriston," Disraeli Road, W.5.

DISPENSER (Hall), lady, requires post with Doctor; 3 years' shop, Dispensing experience. Hand, 23 Strathfield Gardens, Barking, Essex.

ELDERLY; qualified; active; Branch, Superintendent, Dis- pensing, Locum; short hours; terms reasonable. "Chemist," 142 Camberwell New Road, S.E.5.

ESSEX OR EAST LONDON.—Assistant; unqualified; young; temporary or permanent; experienced; willing. D'eath, 506 Green Lane, Goodmayes, Essex.

EVENINGS from 6 o'clock; Dispensing N.H.I.; experienced. Hy. Ward, 41 Albert Road, N.4.

EVENING work required; capable; tall; 8 years' experience; Counter or Dispensing. "Mac," 5 Foster Road, Chiswick, W.4.

EVENING and/or week-end post required by Student; excellent experience. Gregory, 361 Clapham Road, S.W.9.

EXPERIENCED lady Medical Book-keeper requires part-time work on Mondays, Wednesdays and Fridays; good refer- ences. Miss Grant, 47 Hayes Way, Beckenham.

EXPERIENCED Dispenser (lady); Locum or part time; Hall; excellent references from Doctors (private practices), Chemist; N.H.I. and Institution; 11 years in Institution. "M.," 25 Sisters' Avenue, Clapham Common, S.W.11.

EXPERIENCED Assistant; sole, senior or manage under principal; best varied experience; Dispensing, Counter, Pre- scribing, International, Photographic, Prescription Optics; unregistered; energetic; business-building personality; dis- engaged. "N.," 21 Albion Place, Maidstone.

FREE November 17; Manager; M.P.S.; 29; used to complete control; excellent references; North London preferred. 5/29, Office of this Paper.

JUNIOR (male); 21; first-class Dispensing experience. Apply C. J. Hunter, "The Eyrie," Highfield Road, Caterham Valley.

JUNIOR, young, 24, unqualified, seeks progressive position with firm in West, South-West or Central London; excellent Counterman, Dispensing and Window-dresing; unimpeachable references. "K.," 10 Gt. Prescott Street, E.1.

JUNIOR Assistant seeks permanency; West-End and provincial experience; excellent Window-dresser; could manage Drug Store. Write 4/22, Office of this Paper.

JUNIOR Assistant; 21; all-round experience; London preferred, not essential; disengaged October 31. 7/1, Office of this Paper.

LADY, qualified, requires post as Manager; fully experienced; London preferred; from December or later. 1/18, Office of this Paper.

LADY seeks position as Book-keeper-Assistant to Chemist; good Counter experience; 10½ years at last situation; good references; near London preferred; disengaged. "M. B.," 30 Acacia Grove, West Dulwich.

LADY (Hall), 3 years' experience with London Chemist, taking Minor, would like post in London or Sussex. 4/40, Office of this Paper.

LADY Dispenser-Book-keeper, experienced and capable, seeks position with Chemist or Doctor; Retail experience; highest references. 4/24, Office of this Paper.

LADY Assistant; unqualified; 27; 6 years' experience, Counter work, etc.; no dispensing; references; disengaged; London or suburbs. 5/37, Office of this Paper.

LEEDS.—Part time, emergency, relief or Locum; competent; experienced; unqualified; or Doctor's Dispenser. Write for address. 1/21, Office of this Paper.

LOCUM or part time wanted by elderly, qualified Chemist; splendid references. "H.," 18 Westmorland Road, Bayswater, W.2.

LOCUM or Manager.—Loveluck, 34 Pelham Grove, Sefton Park, Liverpool.

LOCUM or part time; entire charge; highest references; moderate terms. "Chemicus," 12 Upper Richmond Road, East Putney, S.W.15.

LOCUM, one, two or three weeks; middle-aged; experienced; part time or whole time; London or Midlands. "Dexterity," "Hathersage," Ranelagh Road, Wellingborough.

MANAGER; capable; qualified; age 31; married; accustomed to control; interview by arrangement; dummy directorship not entertained. 2/25, Office of this Paper.

MANAGER or Locum; thoroughly experienced in all branches; highly recommended; disengaged. 6/120, Office of this Paper.

MANAGERSHIP, with living accommodation, required by Pharmacist; age 29 and married; at present managing a business in S.W.1 district; one month's notice would be required by present employer. 136/754, Office of this Paper.

M.P.S., 24, desires situation; excellent experience in all branches; highest references; West of England preferred, but not essential. 5/24, Office of this Paper.

M.P.S., 25, requires situation; London district preferred; good experience, Dispensing, Counter, Photographic, etc.; energetic and industrious; excellent references. Galliver, 25 Eardley Road, Streatham, S.W.16.

POSITION wanted as Manager or Senior Assistant; qualified; good West-End experience. 3/1, Office of this Paper.

QUALIFIED.—Branch Manager; 37; married; capable and fully experienced all round; good references; living accommodation preferred. 2/3, Office of this Paper.

QUALIFIED Manager, with first-class experience and credentials, desires permanency; London preferred; Locum till suited. "Phenacetin," 8 Carlyle Mansions, The Mall, Church Street, Kensington, W.

QUALIFIED, 22, height 5 ft. 10 in., desires permanency; excellent all-round experience; attended School of Pharmacy, Aberdeen; good references; now disengaged. James G. Catto, Parkhill, West Cults, Aberdeenshire.

QUALIFIED; 25; Assistant or Manager, in London area; keen, energetic, competent; 9 years' varied experience; excellent recommendations; disengaged December 1. 2/23, Office of this Paper.

QUALIFIED desires post as Manager or Senior; registered J.C.Q.O.; undeniable references; high-class experience; Bristol or district preferred. 1/37, Office of this Paper.

QUALIFIED, 59, as Locum or Dispenser; disengaged; good references; general experience. "Pharmacist," 27 Campbell Road, Stoke-on-Trent.

QUALIFIED, 24, desires situation; in or near Leeds preferred; 6 years' good all-round experience. Umpleby. "Fern Garth," Thorenscoe Road, Cleethorpes.

QUALIFIED Chemist-Optician offers services, Saturdays 2 to 8, Monday-Friday 1 to 5; London. 57 Geraldine Road, Wandsworth.

QUALIFIED, 25, requires situation, London, preferably West-End; 10 years' experience, Dispensing, Photographic. Rance, 58 Stockwell Park Crescent, S.W.9.

QUALIFIED, 31, at liberty, requires situation as Branch Manager or Counter Assistant. F. R. Smith, 34 Welbeck Avenue, Southampton.

QUALIFIED (recently), 21, Square trained, as Senior Manager; all-round experience; good references. W. Zima, 66 Kenninghall Road, London, E.5.

QUALIFIED Assistant; 12 years' good experience, Dispensing Counter, and Photographic. Miss R. M. Shepherd, M.P.S., 16 Hill Road, Clevedon, Somerset.

QUALIFIED; single; 46; good all-round experience; excellent references; now disengaged "S.," 59 Lytchett Minster, Poole, Dorset.

QUALIFIED, 8½ years' experience, country, suburban and West-End, present situation 2½ years, desires change; progressive position. 4/14, Office of this Paper.

QUALIFIED, 25, desires permanency as Manager, good-class business; all-round experience, Dispensing, Counter, Photographic; excellent references; Lancashire preferred, but not essential. "Pharmacist," 5/4, Office of this Paper.

QUALIFIED lady Dispenser desires change with firm of Doctors, Chemists or Hospital; good all-round experience; each; highest references. 5/2, Office of this Paper.

QUALIFIED, 25, good Dispensing and Counter experience, as Assistant or Manager. 5/26, Office of this Paper.

QUALIFIED lady Dispenser, with London and country experience, first-class Private Practice and Panel, desires re-engagement with Doctor or firm Doctors; resident or non resident; distance immaterial. 5/31, Office of this Paper.

QUALIFIED, 29, requires remunerative post as Manager; capable and energetic Salesman; used to controlling large staff; present position holds no prospects. 136/766, Office of this Paper.

RECENTLY qualified, 23, requires post as Locum or Branch Manager; North-East Coast preferred; all-round experience; disengaged. 5/14, Office of this Paper.

RELIABLE, experienced lady, M.P.S., seeks position of responsibility, preferably branch management; first-class Dispensing experience; keen Saleswoman, good Stock-keeper; highest references. "Lady Chemist," 6 Bank Buildings, Stonehouse, Glos.

RESPONSIBLE qualified; disengaged; French (fluent) and German; thoroughly competent; excellent references; London district; 15 years' West-End and Store experience. Griffiths, 46 Chalsey Road, S.E.4.

STUDENT requires part-time work, evenings and Saturday; experienced. Flanders, 102 Brudenell Road, Upper Tooting, S.W.17

THOROUGHLY competent qualified man, with 3 years' medical training, desires a position as Manager or Senior with first-class Chemist or Institution. "Statim," c/o 119 Stocks Lane, Stalybridge.

UNQUALIFIED desires post, Assistant to Chemist or Manager of Drug Stores; 6 years last engagement. Attenborough, Church Street, Droylsden, Manchester.

UNQUALIFIED; varied experience, London and country; middle-aged; active; single; sound credentials. "Chemicus," 2 Yeoman Terrace, Knaphill, Woking.

UNQUALIFIED; 37; married; experienced; permanency; London; Wholesale or Retail; can take charge. "C.," 13 Sandrock Road, Lewisham.

UNQUALIFIED, 27, tall, married, 12 years' experience, tactful Salesman, competent Dispenser-Prescriber, desires permanency; any district; disengaged November 19; please state salary. "D.," 69 Wainalong Road, Salisbury.

YOUNG lady (Part I and one year's experience) desires one year's further Apprenticeship; North London preferred; free in January. B. O. Dudley, 108 Hazelwood Lane, London, N.13.

YOUNG lady, having passed Materia Medica and Chemistry, desires post as Improver, in Hospital or Dispensary. C. B. Smedley, Anncrley House, 35 Wilton Road, Bexhill-on-Sea.

YOUNG lady, unqualified, tall, 9 years' Counter and Dispensing experience, desires post; highest references. 4/13, Office of this Paper.

YOUNG lady, tall, with good appearance, recently passed Apothecaries' Hall Examination, desires post as Improver in Dispensing establishment. Write Miss Evelyn Monk, 50 Cranley Gardens, Muswell Hill.

WHOLESALE.

A GENTLEMAN, with sound connection among Chemists in South and West of England, requires post as Representative with firm of repute; disengaged; would consider commission with part expenses. 5/7, Office of this Paper.

ADVERTISER, sound connection Chemists, Hairdressers, Stores, etc., Wales and West of England, is open to represent first-class house, either whole or side line. 280/12, Office of this Paper.

All Unqualified Assistants, Dispensers and Apprentices
should join at once
THE NATIONAL UNION OF DRUG & CHEMICAL WORKERS
(incorporating the National Association of Chemists' Assistants)
BENEFITS: Trade Protection—Legal Aid—Unemployment Benefit—Free Use of Employment Bureau
Write for particulars:—ARTHUR J. GILLIAN, Gen. Sec.
149 Newington Causeway, LONDON, S.E.1

ADVERTISER, young, good education, energetic and good salesman, with an all-round knowledge of Wholesale and Retail experience, desires post as Representative in Northern England to a reputable firm; excellent references. 3/5, Office of this Paper.

CHEMIST, 29, with excellent knowledge of Organotherapy and General Therapeutics, now seeks a position as Medical Representative to a Manufacturing Firm. 136/755, Office of this Paper.

CLERK; thorough knowledge trade; home and export experience; conscientious worker; moderate salary. "J. D.," 30 Rushmore Road, London, E.5.

ENERGETIC Assistant, unqualified, experienced Retail Pharmacy, seeks situation; representing well-known Wholesale house; thorough knowledge South Wales district; age 22; salary, commission; references. 3/3, Office of this Paper.

GENTLEMAN, with live connection in North of England, can handle one or two additional lines; part expenses and commission basis. 6/21, Office of this Paper.

LIVE Salesman; established London connection, Wholesale Stores, Multiple Chemists, etc.; splendid sales record and references. P.C.B. 64/6, Office of this Paper.

PHARMACIST, University Graduate, extensive Laboratory experience, medical propagandist, knowledge of Therapeutics, seeks post with good prospects. P.C.B. 64/300, Office of this Paper.

REPRESENTATIVE, sound connection Ireland, age 30, highly educated, good appearance, experienced salesman, Drugs, Chemicals, Sundries, etc., desires representation established house, any line, anywhere; salary and commission; presently engaged, but free to suitable offer. Apply 2/26, Office of this Paper.

REPRESENTATIVE or Manager; qualified; thoroughly experienced; undeniable sales record; connection London and country; live wire; correspondence invited. 6/12, Office of this Paper.

SALES Propaganda; calling Doctors or Chemists; Wholesale and Retail experience (qualified); open Sales Managership; exceptional references. P.C.B. 63/24, Office of this Paper.

TRAVELLER, Lancashire and Yorkshire, Wholesale and Retail, open for Agency or Proprietary line, or would consider change. 1/40, Office of this Paper.

TRAVELLER, working Wales and border towns, including Wilts, Dorset, Somerset; commission and part expenses. 5/2, Office of this Paper.

TOILET, Perfumery or Chemist's Sundries.—Advertiser (26) seeks permanent position with established London firm; ten years' high-class Retail experience; security if required. Write particulars, 5/1, Office of this Paper.

UNQUALIFIED, 23, desires post with Wholesale House (London); five years' Retail experience; any capacity where prospect of advancement. 4/10, Office of this Paper.

WAREHOUSEMAN, all-round experience, Stock-keeping, Despatching, Packing, many years in Soap and Perfumery Manufacturing firm, now disengaged, seeks situation, any capacity. J. Ashby, 81 Linden Road, Hampton, Middlesex.

YOUNG Technical Chemist desires change and seeks opportunity to gain further experience, preferably in Soapmaking or Perfumery; London district. 5/9, Office of this Paper.

FOR SALE.

FOR Sale, two Show-cases, 7 ft. 6 in. high, 3 ft. wide, 9 in. deep; Syphon Washing Tank for Films, 2 ft. sq. by 4 ft. deep; four-position Printing Machines.—Brooks Drug Stores, 509 New Cross Road, London, S.E.14.

OLIVER No. 5 Visible Typewriter; ½-plate "Optimns" Camera, complete with R.R. lens, extra wide angle Euryscope lens, 3 D.D. slides, etc.; new Dispensing Scales and Weights; 2 lb. Class "B" Brass Scales and Weights, ¼ oz. to 1 lb., all stamped; Mortar and Pestle, Ointment Slab; small lot of Drngs, Patents and Sundries; suit a beginner. "Chemist," 41 Skellingthorpe Road, Lincoln.

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Why keep them any longer? Turn them into CASH.
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MISCELLANEOUS.

CHEMIST FITTINGS.—Complete Fittings in stock. Ranges of Drug Drawers with glass labels, shelving and lockers, glass-fronted Counters, Dispensing Screens, Wall Cases, etc.; all made in sections which any local man can fix. Also Second-hand Fittings, Shop Rounds (ribbon and recess labels); Cash Tills from 15s. 6d.; Kwik-Sale Case, special Chemist design. D. MATTHEWS & SON, Chemist Fitters, 14 and 16 Manchester Street, Liverpool.

LIMITED COMPANIES REGISTERED.—I have now been engaged in this work over 20 years, so you may rely that my experience in Chemist and other Companies (I take all trades) is hard to beat. Most reasonable and inclusive fee. Advice free. A. B. SLACK, 15 Christ Church Avenue, West Didsbury, Manchester.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 219 Old Street, London, E.C.1.

£77 10s. for set of Mahogany Fittings, consisting of 10 ft. Drug Run fitted glass-knobbed and labelled drawers, lockers, etc., 8 ft. glass-fronted Counter, 6 ft. Wall-case, 6 ft. Dispensing Screen, Perfumery Case and Desk, Cash Till; would separate; illustrations on request. E. BERG, LTD., 336 Old Street, London, E.C.1.

£135.—COMPLETE SET OF MAHOGANY FITTINGS.—14 ft. Drug Fitting with showcase, drawers, cupboards, cornice, shelving, etc.; 8 ft. Wall Case with sloping cases in centre; 7 ft. handsome Dispensing Screen with drawers and counter at back; 12 ft. glass-fronted Serving Counter with drawers and shelves at back; 4 ft. plate-glass Counter Case; Perfumery Showcase and Desk, Silent Salesman, 4 ft. all-glass Counter, plate-glass Circular Display Stand; ready for despatch. Sketches and particulars free on application. PERCY R. E. JOSEPHS, 68 Old Street, 1/5 Tilney Court, London, E.C.1. 'Phone: Clerkenwell 0929.

£170.—UNIQUE SET OF PHARMACY FITTINGS in solid Fumed Oak, comprising 2 x 10 ft. Display and Stock Fittings, all with sliding doors; 2 x 5 ft. Pharmacy Fittings with drng drawers, etc.; these are all sectionalised; 4 x 4 ft. Wall Showcases with sliding doors; 2 full-sized Plate-glass Mirrors; Glass Front Serving Counter with drawers, etc., at back; exceptionally handsome Dispensing Screen; Check Till. Really the finest looking set on the market, and ready for delivery and erection this day. Call and view. Can be adapted to any size shop. PHILIP JOSEPHS & SONS, LTD., 90/92 St. John Street, Clerkenwell, London, E.C.

EXCHANGE COLUMN.

FOR DISPOSAL.

FOR DISPOSAL, "Pharmaceutical Journal Formulary"; best offer secures. Blezards, Lord Street, Preston.

OPHTHALMIC TRIAL CASE for Disposal. Stamp for particulars. 5/21, Office of this Paper.

12 DOZ. 6½d., six doz. 1s., four doz. 1s. 9d. HARPIC; 25 per cent. off maker's prices; new. Brooks, Chemist, Willington, Durham.

WANTED.

UPRIGHT DISPENSING CASE, 4 ft., for counter. Higgs, Chemist, Kingston-on-Thames.

KODAK AUTOMATIC MACHINE, also Squire's Companion; state year. Sharp, 49 Edward Street, Brighton.

SECOND-HAND Optician's Trial Case; must be a full set and in good condition. 6/18, Office of this Paper.

COMPLETE FITTINGS for small Pharmacy in Hampshire, about 20 ft. x 13 ft. State kind and lowest price and where seen. 1/39, Office of this Paper.

GOWER, Chemists' Bookseller, 41 Voltaire Road, Clapham, wants Pharmaceutical Books, including Pharmaceutical Formulas, B.P.C., P.J.F., Optical Books.

HIGH-POWERED MICROSCOPE required of first-class make; must have 12th inch oil immersion lens and rotating stage. Please state full particulars and price required to W. A. Poucher, The Laboratory, London Road, Mitcham.

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